

Sanyo Service Tip

USIK / YX6E CHASSIS

07/27/12

SYMPTOM: If the power LED on front of the TV is turning ON for 10-20 seconds, OFF for 1-2 second and keeps repeating, the problem is most likely IC5750A. Affected models are the 2009 & 2010 TVs (LCD and Plasma) listed.

IC5750A is located under the large shield. IC 5750A is a 48 pin NAND FLASH IC with easy access for replacement. This will fix +80% of the boards with the symptom below.

Sanyo Part Number: QXXAVD058- -M

You must use the 3 dashes when ordering this IC.

Chassis Version	IC 5700 Samsung	IC 5700 Quimonda
P37819-00	SW84	SW82
P42849-00	SW84	SW82
P42849-01	SW84	SW82
P42849-02	SW84	SW82
P42849-04	SW84	SW82
P42849-05	SW84	SW82
P46849-00	SW84	SW82
P46849-01	SW84	SW82
P46849-02	SW84	SW82
P46849-03	SW84	SW82
P46819-00	SW84	SW82
P50749-00	SW84	SW82
P50749-01	SW84	SW82
P50749-02	SW84	SW82
P50749-03	SW84	SW82
P50719-00	SW84	SW82
P52449-01	SW85	SW83
P42840-02	SW84	SW82
P42840-03	SW84	SW82
P42840-04	SW84	SW82
P46840-01	SW84	SW82
P46840-02	SW84	SW82
P50740-01	SW84	SW82

SYMPTOM: If the power LED on front of the TV is turning ON for 10-20 seconds, OFF for 1-2 second and keeps repeating, the problem is most likely IC5750A. Affected models are the 2009 & 2010 TVs (LCD and Plasma) listed.



IC5750 to be replaced

Check IC manufacture for either Samsung or Quimonda

The IC 5750A you receive will have software 84 installed in it. If IC 5700's manufacture is Quimonda or TV is a 52" then the software will need to be changed with the use of a USB drive.

Note : Only use this software in the Sanyo TVs listed. If used in wrong chassis, it could cause TV not to come on and IC 5750 will need to be changed again.



FILE NO.

SERVICE MANUAL

Remote Control Digital Color Television

DP52449 (U.S.A.)
(CANADA)
ORIGINAL VERSION



Chassis No. P52449-01

NOTE: Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

If the Original Version Service Manual Chassis No. does not match the unit's, additional Service Literature is required. You **must** refer to "Notices" to the Original Service Manual prior to servicing the unit.

Servicing should be performed by only trained and qualified service personnel.

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Specifications

POWER RATING	120VAC 216 W (AVG.)
ANTENNA INPUT IMPEDANCE	75Ω UHF/VHF/CATV DIGITAL
RECEIVING CHANNEL	2 - 13 (VHF), 14 - 69 (UHF), 01, 14-94, 95-135 (CATV) 1-135 (DIGITAL)
REMOTE READY	54 KEY REMOTE CONTROL
SOUND OUTPUT	10.0 W/CH
INTERMEDIATE FREQUENCY	
PICTURE IF CARRIER	45.75MHz
SOUND IF CARRIER	41.25MHz
COLOR SUB CARRIER	42.17MHz
CABINET DIMENSIONS	
WIDTH	1110mm
HEIGHT	766mm
DEPTH INCLUDING BASE	323mm

SAFETY INSTRUCTIONS

SAFETY PRECAUTIONS

WARNING: The chassis of this receiver has a floating ground with the potential of one half the AC line voltage in respect to earth ground. Service should not be attempted by anyone not familiar with the precautions necessary when working on this type of equipment.

The following precautions must be observed:

1. An isolation transformer must be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Comply with all caution and safety-related notes provided inside the cabinet, on the chassis, and on the back.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as control knobs, adjustment covers, shields and barriers.
4. Before replacing the back cover of the set, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

Before returning any television to the customer, the service technician must perform the following safety checks to be sure that the unit is completely safe to operate without danger of electrical shock.

ANTENNA COLD CHECK

Remove AC plug from the 120 VAC outlet and place a jumper across the two blades. Connect one lead of an ohmmeter to the jumpered AC plug, and touch the other lead to each exposed antenna terminal (UHF and VHF antenna terminals). The resistance must measure between 1M ohm and 5.2M ohm. Any resistance value below or above this range indicates an abnormality which requires corrective action.

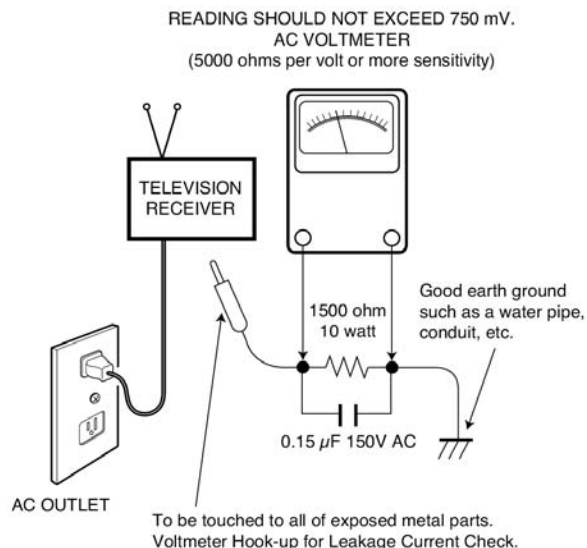
LEAKAGE CURRENT CHECK

Plug the AC line cord directly into a 120 VAC outlet. (Do not use an isolation transformer for this check.) Use an AC voltmeter, that has 5000 ohms per volt or more sensitivity. Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15 μ F 150 VAC capacitor, between a known good earth ground (water pipe, conduit, etc.) and all exposed metal parts of the cabinet (antennas, handle bracket, metal cabinet, screw heads, metal overlays, control shafts, etc.). Measure the AC voltage across the 1500 ohm resistor. The AC voltage should not exceed 750 mV. A reading exceeding 750 mV indicates that a dangerous potential exists. The fault must be located and corrected. Repeat the above test with the receiver power plug reversed.

NEVER RETURN A RECEIVER TO THE CUSTOMER WITHOUT TAKING THE NECESSARY CORRECTIVE ACTION.

PRODUCT SAFETY NOTICE

When replacing components in a receiver, always keep in mind the necessary product safety precautions. Pay special attention to the replacement of components marked with a ⚠ in the parts list and in the schematic diagrams. To ensure safe product operation, it is necessary to replace those components with the exact same PARTS.



SERVICING ELECTROSTATICALLY SENSITIVE DEVICES

Semiconductors (solid-state devices) that can be damaged by static electricity are referred to as Electrostatically Sensitive (ES) devices. Examples of typical ES devices are: Integrated Circuits (IC), Field-Effect Transistors (FET), and "chip" components. The following techniques should be observed strictly, to reduce the occurrence of semiconductor damage due to electrostatic discharge.

1. Immediately prior to handling any semiconductor component or an assembly containing a semiconductor device or devices, discharge the electrostatic buildup on your body by touching a known earth ground. You may also obtain and wear a commercially available discharging wrist strap device.

CAUTION: Be sure to remove the wrist strap before applying power to any unit being serviced.

2. After removing an ES equipped assembly, place it on a conductive surface, such as, aluminum foil, to prevent buildup or exposure to static electricity.
3. Use only grounded-tip soldering irons to solder or unsolder ES devices.
4. Use only anti-static solder removal devices. Some suction-type devices can generate static electricity adequate to damage ES devices.
5. A replacement ES device will come packaged in protective material (conductive foam, aluminum foil, or some comparable conductive material). Do Not remove an ES device from its protective packaging unless you are prepared to install it immediately.
6. Precisely prior to removing an ES device from its protective packaging, touch the protective packaging to the chassis or assembly in which the device will be installed.

CAUTION: Be sure that no power is applied to the chassis or circuit assembly.

7. Incidental body movements, such as, lifting a foot from a carpeted floor or the rubbing of fabric together can generate static electricity sufficient to damage ES devices. Therefore, minimize all body movements while handling exposed (unpacked) ES devices.

SERVICE ADJUSTMENTS

GENERAL

This set has an On-screen Service Menu system included in the CPU that allows remote operation for most of the service adjustments.

ON-SCREEN SERVICE MENU SYSTEM

1. Enter the Service Menu:

- Turn off the receiver and disconnect the AC power supply.
- While pressing the Volume (-) button on the television, reconnect the AC power supply. The Service Menu will now appear. The remote can now be used to make adjustments. See Figure 1 below.

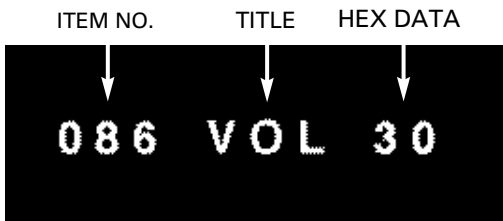


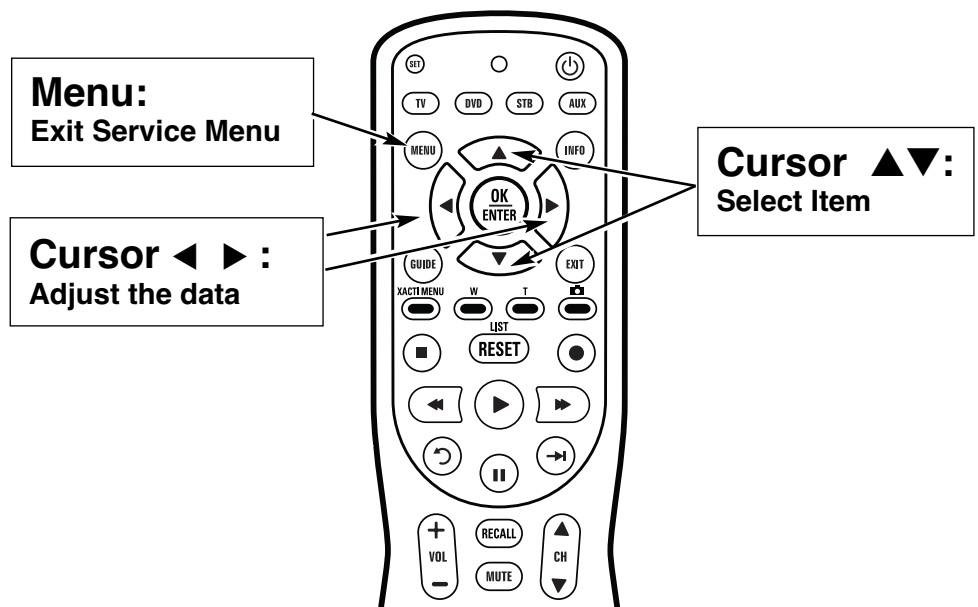
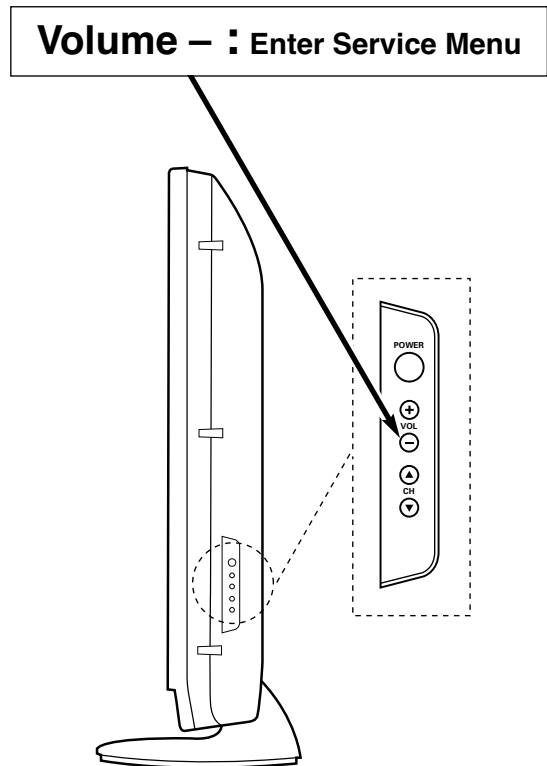
Figure 1. Service Menu Display

2. Service Adjustments:

- Press the Cursor ▲ and ▼ key to select the desired service menu item you want to adjust. See page 4 for the On-screen Service Menu.
- Use the Cursor ◀ or ▶ key to adjust the data. The ◀ or ▶ key will increase or decrease the data sequentially.

3. Exit from the Service Menu:

- Press the **MENU** key to turn off the Service Menu display.



ON-SCREEN SERVICE MENU

Table 1. ON-SCREEN SERVICE MENU

When IC801 (EEPROM) is replaced, check the bus data to confirm they are the same as below. See page 3 for On-Screen Service Menu access and adjustments.

No.	Title	Initial Data	Note
1A0	MUTE	A0h	Audio mute at Power ON
086	VOL	30h	Volume setup inspection
087	OP1	00h	Option 1 Data (HDMI)
088	OP2	30h	Option 2 Data (Display Panel)
101	1R00	00h	ROM Correction Data
102	1R01	00h	ROM Correction Data
↓	↓	↓	↓
197	2R47	00h	ROM Correction Data
198	2R48	00h	ROM Correction Data

- All data except in gray box area is fixed. Do not change for correct operating.
- Data in gray box is initial and can be set according to adjustment information.

PROGRAM CODES

The microprocessor used in this model is a multi-purpose type and is used in several different models. To ensure proper operation and the correct features for your particular model, the program codes must be correct.

Note 1. Option Data 1 (NO. 087 OP1) should be hexadecimal 00. See 087 above. If this program code is wrong the TV will not operate properly.

Note 2. Option Data 2 (NO. 088 OP2) should be hexadecimal 30. See 088 above. If this program code is wrong the TV will not operate properly.

POWER FAILURE CIRCUIT

CPU (IC800) is programmed so the set will go to standby mode when there is circuit failure as described below. (Refer to "Block Diagram Power Lines".)

This unit is equipped with a Power Failure Detector function included in the CPU which checks for an abnormal condition in the chassis power supplies.

If, while the power is on, a failure is caused by any of the following that results in a low voltage supply, the CPU will turn the unit off in 1.5 seconds to prevent further damage:

- Failure within the power supply circuits.
- A short circuit in the load side from the supply.

Power Failure: Detected voltage failure for circuit. (Connected to IC800 pin 48 and pin 23.)

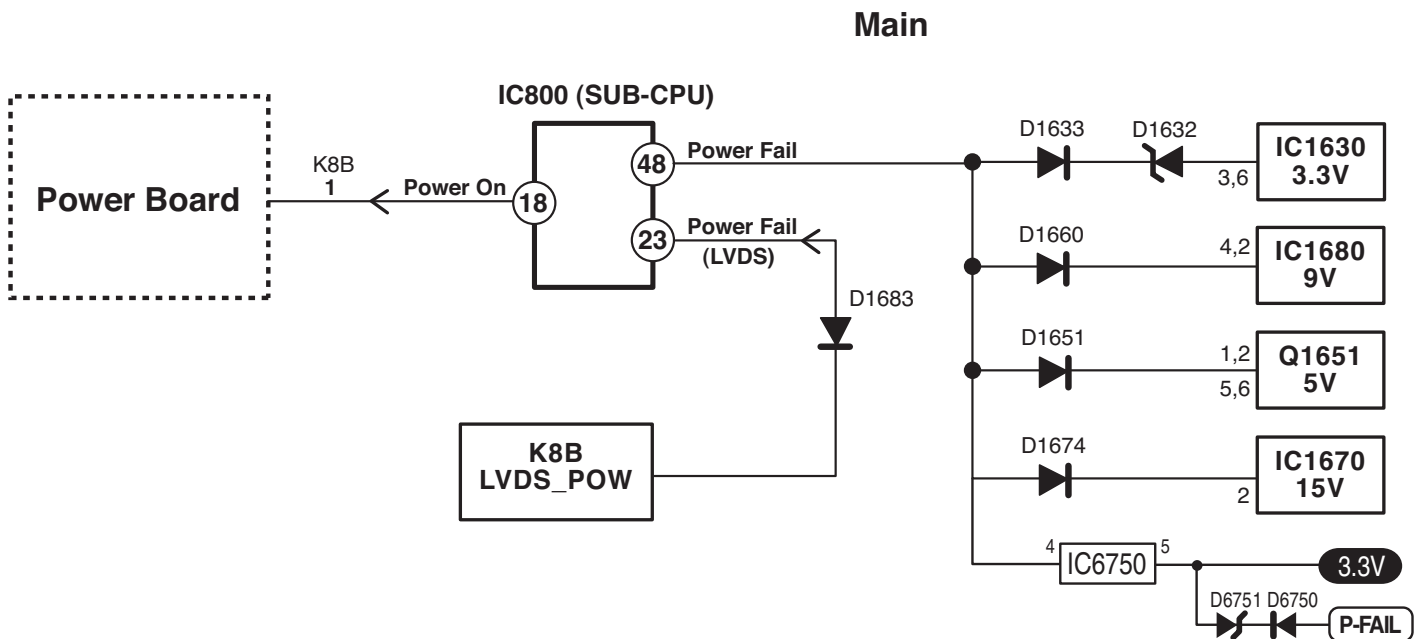
(Normal: High; Failure: Low)

If, while the power is off, the power is switched on and any of these failures remains uncorrected, the CPU will shut off the power within three seconds.

Check the following if the unit is turned off by the power failure detector.

1. Disconnect the AC power cord (120V AC line) for a short time.
2. Connect a DC Voltmeter to the circuits shown below.
3. Press the Power key and check for the proper voltage supplies.
4. If any of these voltages is low, the power failure detector should turn the unit off within three seconds.
5. Check all circuits shown below.

Note: If power failure is detected 3 times in 15 minutes, the set will enter the standby mode and cannot be switched On. To reset the operating programs of the CPU it is necessary to disconnect the AC cord for a short time.



MECHANICAL DISASSEMBLY

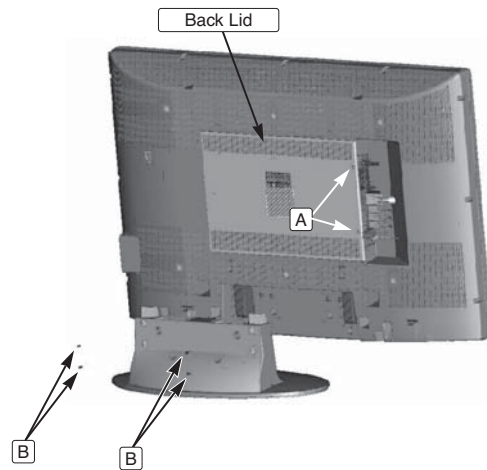
CAUTION:

This LCD TV uses several different kinds of screws. Using the correct screw is necessary to prevent damage. Lead wires must be redressed to their previous locations after servicing. The Earth sheet and gasket are provided to prevent interference to other radio and television receivers. The Earth sheet and gasket should be returned to its previous position after servicing.

BACK LID REMOVAL

Remove 2 screws to take the back Lid off.

(A:3x6)



STAND REMOVAL

Position TV face down on a padded or cushioned surface to protect the screen and finish.

Remove 4 screws (B:6x16) and separate stand and TV.

MAIN BOARD REMOVAL

Remove 5 screws (C:3x14) to take the main board off.

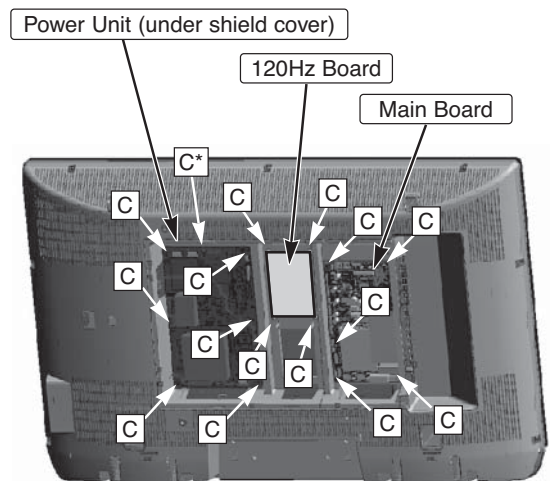
120Hz BOARD REMOVAL

Remove 4 screws (C:3x14) to take the 120Hz board off.

POWER UNIT REMOVAL

1) Remove 6 screws (C:3x14) to take the shield cover off.

2) Remove 1 sre (C*:3x14) to take the power unit off.



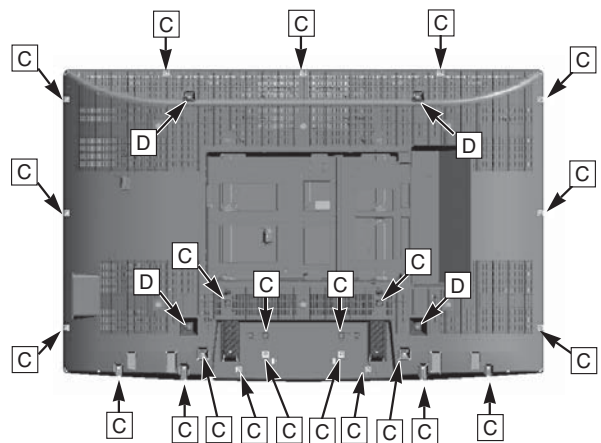
BACK CABINET REMOVAL

Remove 27 screws to take the back cabinet off.

(C:3x14, 23pcs; D:4x8, 4 pcs)

LCD PANEL REMOVAL

Lift up the LCD panel from front cabinet.



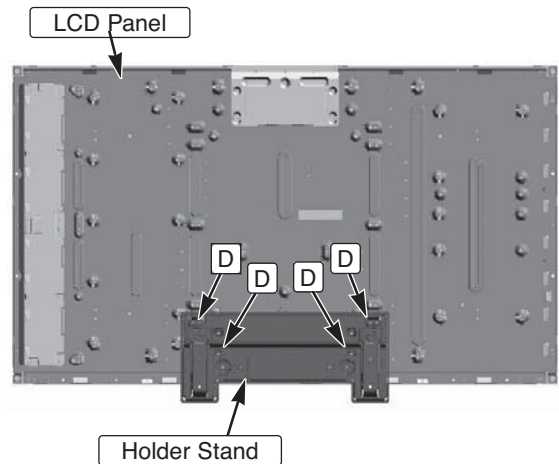


ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

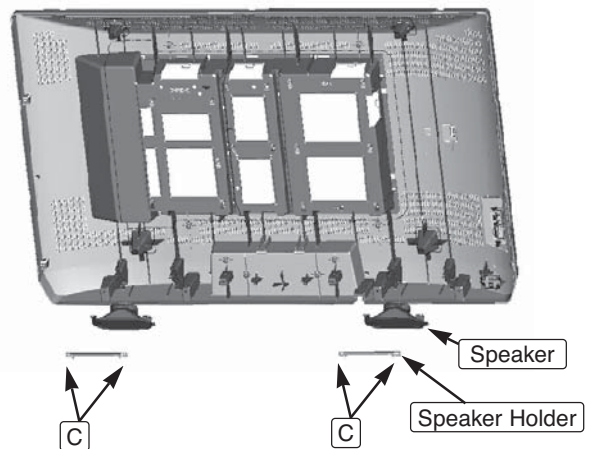
HOLDER STAND REMOVAL

Remove 4 screws (D:4x8) to take the Holder Stand off from the LCD panel.



SPEAKER REMOVAL

Remove 2 screws (C:3x14) to take off each speaker.

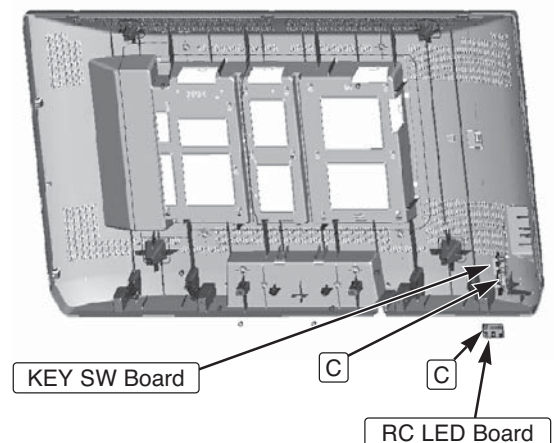


RC LED BOARD REMOVAL

Remove 1 screw (C: 3x14) to take the RC LED board off.

KEY SW BOARD REMOVAL

Remove 1 screw (C:3x14) to take the KEY SW board off.



CHASSIS ELECTRICAL PARTS LIST

CAUTION: To Protect against electrical shock and for continued product safety, refer to SAFETY PRECAUTIONS and PRODUCT SAFETY NOTICE on Page 2.

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER. COMPONENTS INDICATED BY A Δ IN THIS PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATE COMPONENTS IN WHICH SAFETY CAN BE OF SPECIAL SIGNIFICANCE. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS DESIGNATED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY A Δ . NO DEVIATIONS FROM RESISTANCE, WATTAGE, AND VOLTAGE RATINGS MAY BE MADE FOR REPLACEMENT ITEMS DESIGNATED BY A Δ .

Note: Schematic part location numbers may not always match with the part descriptions.
The part descriptions are correct and should be used.

Schematic Location	Part No.	Description
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CAPACITORS

NOTES:

Read description of the Capacitor as follows:

(Example)

CERAMIC 100P K 50V

Rated Voltage

Tolerance Symbols:
Less than 10pF

A : Not specified B : $\pm 0.1\text{pF}$ C : $\pm 0.25\text{pF}$
D : $\pm 0.5\text{pF}$ E : $\pm 0.1\text{pF}$ F : $\pm 1\text{pF}$
G : $\pm 2\text{pF}$ H : $\pm 0.1 - 0\text{pF}$ L : $\pm 0 - 0.1\text{pF}$
R : $\pm 0.25 - 0\text{pF}$ S : $\pm 0 - 0.25\text{pF}$

More than 10pF

A : Not specified B : $\pm 0.1\%$ C : $\pm 0.25\%$
D : $\pm 0.5\%$ F : $\pm 1\%$ G : $\pm 2\%$
H : $\pm 3\%$ J : $\pm 5\%$ K : $\pm 10\%$
L : $\pm 15\%$ M : $\pm 20\%$ N : $\pm 30\%$
P : $\pm 100 - 0\%$ Q : $\pm 30 - 10\%$ T : $\pm 50 - 10\%$
U : $\pm 75 - 10\%$ V : $\pm 20 - 10\%$ W : $\pm 100 - 10\%$
X : $\pm 40 - 20\%$ Y : $\pm 150 - 10\%$ Z : $\pm 80 - 20\%$

Rated value: P=pico farad, U=micro farad

Material:

CERAMIC..... Ceramic
MT-PAPER..... Metallized Paper
POLYESTER..... Polyester
MT-POLYEST..... Metallized Polyester
POLYPRO..... Polypropylene
MT-POLYPRO..... Metallized Polypropylene
COMPO FILM..... Composite Film
MT-COMPO..... Metallized Composite
STYRENE..... Styrene
TA-SOLID..... Tantalum Solid
AL-SOLID..... Aluminium Solid
ELECT..... Electrolytic
NP-ELECT..... Non-polarised Electrolytic
OS-SOLID..... Aluminium Solid with Organic
Semiconductive Electrolytic

Schematic Location	Part No.	Description
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RESISTORS

NOTES:

Read description of the Resistor as follows:

(Example)

CARBON 4.7K J A 1/4W

Rated Wattage

Performance Symbols:

A...General B...Non-flammable
Z...Low noise
Other... Temperature coefficient

Tolerance Symbols:

A...0.05% B...0.1% C...25%
D...0.5% F...1% G...2%
J...5% K...10% M...20%
P...+5 -15%

Rated Value, ohms:

K...1,000 M...1,000,000

Material:

CARBON..... Carbon
MT-FILM..... Metal Film
OXIDE-MT..... Oxide Metal Film
SOLID..... Composition
MT-GLAZE..... Metal Glaze
WIRE WOUND..... Wire Wound
CERAMIC RES..... Ceramic
FUSIBLE RES..... Fusible

Schematic Location	Part No.	Description
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CAPACITORS

C016	CK1E105KGBMNG	CERAMIC 1U K 25V
C017	CEXLB1E102VEJ	ELECT 1000U M 25V
	CE1E102MZVANC	ELECT 1000U M 25V
C019	CK1A105KLZBNG	CERAMIC 1U K 10V
C020	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C021	CK1A105KLZBNG	CERAMIC 1U K 10V
C022	CK1A105KLZBNG	CERAMIC 1U K 10V
C023	CK1A105KLZBNG	CERAMIC 1U K 10V
C024	CK1E474KLZBNG	CERAMIC 0.47U K 25V
C025	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C026	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C027	CK1E224KLZBNG	CERAMIC 0.22U K 25V
C028	CK1A105KLZBNG	CERAMIC 1U K 10V
C029	CK1E474KLZBNG	CERAMIC 0.47U K 25V
C030	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C031	CEXLB1H100VEJ	ELECT 10U M 50V
	CE1H100MZVALC	ELECT 10U M 50V
C032	CK1E105KGBMNG	CERAMIC 1U K 25V
C033	CK1A105KLZBNG	CERAMIC 1U K 10V
C034	CK1A105KLZBNG	CERAMIC 1U K 10V
C035	CK1A105KLZBNG	CERAMIC 1U K 10V
C038	CK1A105KLZBNG	CERAMIC 1U K 10V
C039	CK1A105KLZBNG	CERAMIC 1U K 10V
C040	CK1E474KLZBNG	CERAMIC 0.47U K 25V
C041	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C042	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C043	CK1E224KLZBNG	CERAMIC 0.22U K 25V
C044	CK1E474KLZBNG	CERAMIC 0.47U K 25V
C045	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C046	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C047	CK1E105KGBMNG	CERAMIC 1U K 25V
C050	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C800	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C801	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C802	CK1A105KLZBNG	CERAMIC 1U K 10V
C803	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C806	CEXLB0J221VDJ	ELECT 220U M 6.3V
C808	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C809	CK1A105KLZBNG	CERAMIC 1U K 10V
C813	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C820	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C821	CC1H180JLZCNG	CERAMIC 18P J 50V
C822	CC1H220JLZCNG	CERAMIC 22P J 50V
C1000	CEXLB1H4R7VDJ	ELECT 4.7 U M 50V
C1002	CK1A105KLZBNG	CERAMIC 1U K 10V
C1004	CK1A105KLZBNG	CERAMIC 1U K 10V
C1006	CK1A105KLZBNG	CERAMIC 1U K 10V
C1009	CK1A105KLZBNG	CERAMIC 1U K 10V
C1010	CK1A105KLZBNG	CERAMIC 1U K 10V
C1012	CK1A105KLZBNG	CERAMIC 1U K 10V
C1014	CK1A105KLZBNG	CERAMIC 1U K 10V
C1016	CK1A105KLZBNG	CERAMIC 1U K 10V
C1025	CC1H471JLZCNG	CERAMIC 470P J 50V
C1201	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C1610	CC1H221JLZCNG	CERAMIC 220P J 50V

Schematic Location	Part No.	Description
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C1611	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C1612	CK1A105KLZBNG	CERAMIC 1U K 10V
C1613	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C1614	CK1H103KLZBNG	CERAMIC 0.01U K 50V
C1615	CK1H103KLZBNG	CERAMIC 0.01U K 50V
C1617	CK1H103KLZBNG	CERAMIC 0.01U K 50V
C1618	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C1619	CK1A105KLZBNG	CERAMIC 1U K 10V
C1620	CEXLB0J102VDJ	ELECT 1000U M 6.3V
C1621	CK1A105KLZBNG	CERAMIC 1U K 10V
C1623	CC1H331JLZCNG	CERAMIC 330P J 50V
C1625	CEXLB0J222VEJ	ELECT 2200U M 6.3V
	CE0J222MZVALC	ELECT 2200U M 6.3V
C1631	CEXLB0J221VDJ	ELECT 220U M 6.3V
C1634	CEXLB0J102VDJ	ELECT 1000U M 6.3V
C1636	CK1H563KLZBNG	CERAMIC 0.056U K 50V
C1637	CK1H333KLZBNG	CERAMIC 0.033U K 50V
C1642	CK1A105KLZBNG	CERAMIC 1U K 10V
C1644	CEXLB0J102VDJ	ELECT 1000U M 6.3V
C1645	CK1H333KLZBNG	CERAMIC 0.033U K 50V
C1646	CK1H333KLZBNG	CERAMIC 0.033U K 50V
C1649	CK1H682KLZBNG	CERAMIC 6800P K 50V
C1652	CEXLB1C102VDJ	ELECT 1000U M 16V
C1654	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C1655	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C1656	CC1H391JLZCNG	CERAMIC 390P J 50V
C1658	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C1659	CK1E105KGBMNG	CERAMIC 1U K 25V
C1660	CEXLB1C101VDJ	ELECT 100U M 16V
C1662	CEXLB1C102VDJ	ELECT 1000U M 16V
C1664	CEXLB1C101VDJ	ELECT 100U M 16V
C1665	CK1E105KGBMNG	CERAMIC 1U K 25V
C1666	CEXLB0J102VDJ	ELECT 1000U M 6.3V
C1667	CK1E105KGBMNG	CERAMIC 1U K 25V
C1668	CC1H221JLZCNG	CERAMIC 220P J 50V
C1669	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C1679	CC1H221JLZCNG	CERAMIC 220P J 50V
C1680	CK1A105KLZBNG	CERAMIC 1U K 10V
C1681	CC1H221JLZCNG	CERAMIC 220P J 50V
C1693	CC1H102JLZCNG	CERAMIC 1000P J 50V
C1801	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C1807	CK0J106KGBMNG	CERAMIC 10U Z 6.3V
C1811	CK1H102KLZBNG	CERAMIC 1000P K 50V
C1814	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C2403	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C2404	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C2405	CK1A105KLZBNG	CERAMIC 1U K 10V
C2407	CK1A105KLZBNG	CERAMIC 1U K 10V
C2409	CC1H101JLZCNG	CERAMIC 100P J 50V
C2410	CC1H101JLZCNG	CERAMIC 100P J 50V
C2416	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C2417	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C2418	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C3902	CK1H104ZLZFNNG	CERAMIC 0.1U Z 50V
C3904	CK0J106KGBMNG	CERAMIC 10U Z 6.3V
C5501	CK0J106KGBMNG	CERAMIC 10U Z 6.3V

Schematic Location	Part No.	Description
C5503	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5504	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5505	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5506	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5507	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5508	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5509	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5510	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5511	CC1H221JLZCNG	CERAMIC 220P J 50V
C5512	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5513	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5517	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5518	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5519	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5521	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5523	CK0J476KGBNBNG	CERAMIC 47U M 6.3V
C5524	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5525	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5526	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5527	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5529	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5530	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5532	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5534	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5535	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5536	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5537	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5538	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5539	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5540	CC1H101JLZCNG	CERAMIC 100P J 50V
C5541	CK1H102KLZBNG	CERAMIC 1000P K 50V
C5542	CK1H102KLZBNG	CERAMIC 1000P K 50V
C5544	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5546	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5548	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5549	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5550	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5551	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5552	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5553	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5555	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5556	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5557	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5558	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5559	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5560	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5561	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5562	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5564	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5565	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5567	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5568	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5569	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5570	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5571	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5572	CK0J105KMNBNG	CERAMIC 1U K 6.3

Schematic Location	Part No.	Description
C5573	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5574	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5575	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5576	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5577	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5578	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5579	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5580	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5581	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5582	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5583	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5584	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5585	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5586	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5587	CC1H120JLZCNG	CERAMIC 12P J 50V
C5588	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5589	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5590	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5591	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5592	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5593	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5594	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5595	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5597	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5598	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5600	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5601	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5602	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5603	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5604	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5605	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5606	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5607	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5608	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5609	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5610	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5611	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5614	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5616	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5617	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5618	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5619	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5620	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5621	CK0J106KGBNBNG	CERAMIC 10U Z 6.3V
C5628	CC1H2R0CLZCNG	CERAMIC 2P C 50V
C5629	CC1H1R0CLZCNG	CERAMIC 1P C 50V
C5650	CC1H470JLZCNG	CERAMIC 47P J 50V
C5651	CC1H470JLZCNG	CERAMIC 47P J 50V
C5652	CC1H470JLZCNG	CERAMIC 47P J 50V
C5653	CC1H470JLZCNG	CERAMIC 47P J 50V
C5654	CC1H470JLZCNG	CERAMIC 47P J 50V
C5655	CC1H470JLZCNG	CERAMIC 47P J 50V
C5656	CC1H470JLZCNG	CERAMIC 47P J 50V
C5657	CC1H470JLZCNG	CERAMIC 47P J 50V
C5658	CC1H470JLZCNG	CERAMIC 47P J 50V

Schematic Location	Part No.	Description
C5659	CC1H470JLZCNG	CERAMIC 47P J 50V
C5660	CC1H470JLZCNG	CERAMIC 47P J 50V
C5661	CC1H470JLZCNG	CERAMIC 47P J 50V
C5702	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5703	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C5704	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5705	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5706	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5707	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5708	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5709	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C5710	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5711	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5712	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5713	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5714	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5715	CK0J105KMNBNG	CERAMIC 1U K 6.3
C5716	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C5717	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C5718	CK1H333KLZBNG	CERAMIC 0.033U K 50V
C5731	CEXLB0J221VDJ	ELECT 220U M 6.3V
C5734	CEXLB0J102VDJ	ELECT 1000U M 6.3V
C5735	CK1H333KLZBNG	CERAMIC 0.033U K 50V
C5736	CEXLB0J102VDJ	ELECT 1000U M 6.3V
C5751	CEXLB1V470VEJ	ELECT 47U M 35V
	CE1V470MZVALC	ELECT 47U M 35V
C5755	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C5756	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C5802	CC1H680JLZCNG	CERAMIC 68P J 50V
C5803	CC1H680JLZCNG	CERAMIC 68P J 50V
C5804	CC1H680JLZCNG	CERAMIC 68P J 50V
C5806	CC1H270JLZCNG	CERAMIC 27P J 50V
C5807	CC1H270JLZCNG	CERAMIC 27P J 50V
C5808	CC1H270JLZCNG	CERAMIC 27P J 50V
C5810	CC1H5R0CLZCNG	CERAMIC 5P C 50V
C5811	CC1H5R0CLZCNG	CERAMIC 5P C 50V
C5812	CC1H5R0CLZCNG	CERAMIC 5P C 50V
C5814	CC1H120JLZCNG	CERAMIC 12P J 50V
C5815	CC1H120JLZCNG	CERAMIC 12P J 50V
C5816	CC1H120JLZCNG	CERAMIC 12P J 50V
C5818	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C5819	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C5820	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C5821	CK1H104KLZBNG	CERAMIC 0.1U K 50V
C5822	CEXLB1H100VDJ	ELECT 10U M 50V
C5823	CEXLB1H100VDJ	ELECT 10U M 50V
C5901	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C5902	CK1E224KLZBNG	CERAMIC 0.22U K 25V
C6101	CK1H103KLZBNG	CERAMIC 0.01U K 50V
C6102	CK1H103KLZBNG	CERAMIC 0.01U K 50V
C6103	CC1H470JLZCNG	CERAMIC 47P J 50V
C6105	CC1H470JLZCNG	CERAMIC 47P J 50V
C6106	CC1H470JLZCNG	CERAMIC 47P J 50V
C6110	CEXLB0J102VDJ	ELECT 1000U M 6.3V
C6111	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6112	CK1H104KLZBNG	CERAMIC 0.1U K 50V

Schematic Location	Part No.	Description
C6115	CK1H103KLZBNG	CERAMIC 0.01U K 50V
C6130	CK1H102KLZBNG	CERAMIC 1000P K 50V
C6131	CK1H102KLZBNG	CERAMIC 1000P K 50V
C6133	CC1H120JLZCNG	CERAMIC 12P J 50V
C6134	CC1H120JLZCNG	CERAMIC 12P J 50V
C6135	RGFR000ZTCANL	MT-GLAZ E 0.000 ZA 1/10W
C6136	RGFR000ZTCANL	MT-GLAZ E 0.000 ZA 1/10W
C6207	CEXLB1H100VDJ	ELECT 10U M 50V
C6208	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6223	CK1A105KLZBNG	CERAMIC 1U K 10V
C6250	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6251	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6252	CEXLB1V470VDJ	ELECT 47U M 35V
C6253	CK1H103KLZBNG	CERAMIC 0.01U K 50V
C6254	CK1H103KLZBNG	CERAMIC 0.01U K 50V
C6255	CK0J475KLZBNG	CERAMIC 4.7U K 6.3V
C6256	CK0J475KLZBNG	CERAMIC 4.7U K 6.3V
C6257	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C6258	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6259	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C6260	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6270	CEXLB1H100VEJ	ELECT 10U M 50V
	CE1H100MZVALC	ELECT 10U M 50V
C6272	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6274	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6275	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6276	CEXLB1H100VEJ	ELECT 10U M 50V
	CE1H100MZVALC	ELECT 10U M 50V
C6277	CEXLB1H100VEJ	ELECT 10U M 50V
	CE1H100MZVALC	ELECT 10U M 50V
C6278	CK1A105KLZBNG	CERAMIC 1U K 10V
C6279	CK1A105KLZBNG	CERAMIC 1U K 10V
C6301	CC1H471JLZCNG	CERAMIC 470P J 50V
C6302	CC1H680JLZCNG	CERAMIC 68P J 50V
C6303	CC1H680JLZCNG	CERAMIC 68P J 50V
C6304	CC1H680JLZCNG	CERAMIC 68P J 50V
C6305	CC1H471JLZCNG	CERAMIC 470P J 50V
C6306	CC1H680JLZCNG	CERAMIC 68P J 50V
C6309	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6310	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6312	CEXLB1H100VDJ	ELECT 10U M 50V
C6314	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6316	CEXLB1C101VDJ	ELECT 100U M 16V
C6321	CK1A105KLZBNG	CERAMIC 1U K 10V
C6322	CK1A105KLZBNG	CERAMIC 1U K 10V
C6324	CK1A105KLZBNG	CERAMIC 1U K 10V
C6361	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C6501	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6502	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6503	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6531	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6533	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6561	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6563	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C6605	CK1A105KLZBNG	CERAMIC 1U K 10V
C6606	CC1H220JLZCNG	CERAMIC 22P J 50V

Schematic Location	Part No.	Description
C6607	CC1H220JLZCNG	CERAMIC 22P J 50V
C6609	CExLB1V471VDJ	ELECT 470U M 35V
C6611	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C6701	CK1H223KLZBNG	CERAMIC 0.022U K 50V
C6702	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C6703	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C6704	CC1H391JLZCNG	CERAMIC 390P J 50V
C6706	CK1H682KLZBNG	CERAMIC 6800P K 50V
C6707	CK1E105KGMBNG	CERAMIC 1U K 25V
C6708	CK1E105KGMBNG	CERAMIC 1U K 25V
C6709	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C6710	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C6711	CE1E471M1WANG	ELECT 470U M 25V
C6712	CK1H102KLZBNG	CERAMIC 1000P K 50V
C6713	CK1E105KGMBNG	CERAMIC 1U K 25V
C6715	CE0J102M1WANG	ELECT 1000U M 6.3V
C6718	CE1C221M1WANG	ELECT 220U M 16V
C6719	CK1E105KGMBNG	CERAMIC 1U K 25V
C6731	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C6738	CK1H223KLZBNG	CERAMIC 0.022U K 50V
C6740	CE1C221M1WANG	ELECT 220U M 16V
C6741	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C6742	CK1H223KLZBNG	CERAMIC 0.022U K 50V
C6743	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C6745	CK1E103KMNBNG	CERAMIC 0.01U K 25V
C6746	CK0J105KMNBNG	CERAMIC 1U K 6.3
C6748	CE0J102M1WANG	ELECT 1000U M 6.3V
C6752	CK1E105KGMBNG	CERAMIC 1U K 25V
C6755	CK0J106KGMBNG	CERAMIC 10U Z 6.3V
C7500	CK0J106KGMBNG	CERAMIC 10U Z 6.3V
C7501	CK0J106KGMBNG	CERAMIC 10U Z 6.3V
C7502	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7503	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7504	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7505	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7506	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7507	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7508	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7509	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7510	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7511	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7512	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7513	CK0J105KMNBNG	CERAMIC 1U K 6.3
C7514	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7515	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7516	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7517	CK0J105KMNBNG	CERAMIC 1U K 6.3
C7518	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7519	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7521	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7522	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7523	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7524	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7525	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7526	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7527	CK1C104KMNBNG	CERAMIC 0.1U K 16V

Schematic Location	Part No.	Description
C7528	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7529	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7530	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7531	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7532	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7533	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7534	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7535	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7536	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7537	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7538	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7539	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7540	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7541	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7542	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7543	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7544	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7545	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7546	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7547	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7548	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7549	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7550	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7551	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7552	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7553	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7554	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7555	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7556	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7557	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7558	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7559	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7560	CK0J106KGMBNG	CERAMIC 10U Z 6.3V
C7561	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7562	CK0J106KGMBNG	CERAMIC 10U Z 6.3V
C7563	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7564	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7565	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7566	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7567	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7568	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7569	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7570	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7571	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7572	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7573	CK0J105KMNBNG	CERAMIC 1U K 6.3
C7574	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7575	CK0J106KGMBNG	CERAMIC 10U Z 6.3V
C7576	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7577	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7578	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7579	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7580	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7581	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7582	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7583	CK1C104KMNBNG	CERAMIC 0.1U K 16V

Schematic Location	Part No.	Description
C7584	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7585	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7586	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C7587	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7588	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7589	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7590	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7591	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7592	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7593	CC1H4R0CLZCNG	CERAMIC 4P C 50V
C7594	CC1H4R0CLZCNG	CERAMIC 4P C 50V
C7600	CK1H104ZLZFN	CERAMIC 0.1U Z 50V
C7611	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7612	CK1E224KLZBNG	CERAMIC 0.22U K 25V
C7613	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7623	CK1H222KLZBNG	CERAMIC 2200P K 50V
C7700	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C7701	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C7702	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C7703	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C7704	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C7705	CK0J106KGBNG	CERAMIC 10U Z 6.3V
C7708	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7709	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7710	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7711	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7712	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7713	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7714	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7715	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7716	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7717	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7718	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7719	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7720	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7721	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7722	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7723	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7724	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7725	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7726	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7727	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7728	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7729	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7730	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7731	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7732	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7733	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7734	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7735	CK1C104KMNBNG	CERAMIC 0.1U K 16V
C7754	CE1C101M1WANG	ELECT 100U M 16V
C7755	CK1C104KMNBNG	CERAMIC 0.1U K 16V

Schematic Location	Part No.	Description
DIODES		
D001	DD1SS352—G	DIODE 1SS352-(TPH3)
	DD1SS355—G	DIODE 1SS355-TE-17
D800	DD1SS352—G	DIODE 1SS352-(TPH3)
	DD1SS355—G	DIODE 1SS355-TE-17
D801	DZUDZS3.9B—G	ZD UDZS-TE-173.9B
D1602	DDSS3P3-E3—G	DIODE SS3P3-E3/84A
D1603	DDSS3P3-E3—G	DIODE SS3P3-E3/84A
D1604	DDSS3P3-E3—G	DIODE SS3P3-E3/84A
D1605	DDSS3P3-E3—G	DIODE SS3P3-E3/84A
D1632	DZUDZS3.0B—G	ZD UDZS3.0B-TE-17
D1633	DD1SS352—G	DIODE 1SS352-(TPH3)
D1633	DD1SS355—G	DIODE 1SS355-TE-17
D1651	DD1SS352—G	DIODE 1SS352-(TPH3)
	DD1SS355—G	DIODE 1SS355-TE-17
D1660	DD1SS352—G	DIODE 1SS352-(TPH3)
	DD1SS355—G	DIODE 1SS355-TE-17
D1674	DD1SS352—G	DIODE 1SS352-(TPH3)
	DD1SS355—G	DIODE 1SS355-TE-17
D1683	DD1SS352—G	DIODE 1SS352-(TPH3)
	DD1SS355—G	DIODE 1SS355-TE-17
D2402	DDRB551V-30-G	DIODE RB551V-30-TE-17
D2403	DDRB551V-30-G	DIODE RB551V-30-TE-17
D3900	DLSPR-39MVWFN	LED SPR-39MVWF
D3900A	1AV2SA9SD01D-	SPACER
D6500	DDRB551V-30-G	DIODE RB551V-30-TE-17
D6501	DDRB551V-30-G	DIODE RB551V-30-TE-17
D6502	DDRB551V-30-G	DIODE RB551V-30-TE-17
D6503	DDRB551V-30-G	DIODE RB551V-30-TE-17
D6700	DDSS3P3-E3—G	DIODE SS3P3-E3/84A
D6701	DDSS3P3-E3—G	DIODE SS3P3-E3/84A
D6740	DDSS3P3-E3—G	DIODE SS3P3-E3/84A
D6750	DD1SS352—G	DIODE 1SS352-(TPH3)
	DD1SS355—G	DIODE 1SS355-TE-17
D6751	DZUDZS3.0B—G	ZD UDZS3.0B-TE-17
INTEGRATED CIRCUITS		
IC001	QLV49152V-E-P	IC LV49152V-TLM-E
IC002	QTC7SET08FU-P	IC TC7SET08FU
IC800	QXXAAJQ0973—	IC LC87F2932AVU-Y09LCD
IC800A	QXXGA0500125M	IC LC87F2932AVU-QIP-E
IC801	QXXAVC986—P	IC CAT24C02WI-GT3
	QLE24C023M-EP	IC LE24C023M-TLM-E
	QXXAVC837—P	IC AT24C02BN-10SU-1.8
IC804	QTC7SET14FU-P	“IC TC7SET14FU-(TE85L,F”
IC1200	QCD4052BNSR-P	IC CD4052BNSR
	QTC4052BF—P	IC TC4052BF-EL
IC1610	QBD9845FV—P	IC BD9845FV-E2
IC1611	QBD9845FV—P	IC BD9845FV-E2
IC1630	QXXAVD077—G	IC PQ033EHS2ZPH
IC1640	QXXAVD076—G	IC PQ018EHS2ZPH
IC1660	QXXAVC692—P	IC PQ1LAX95MSPQ
IC1801	QTC7SET08FU-P	IC TC7SET08FU
IC2401	QTC7SH08FU—P	IC TC7SH08FU(TE85L)
IC2402	QTC7SH08FU—P	IC TC7SH08FU(TE85L)

Schematic Location	Part No.	Description
IC2403	QXXAVC986—P	IC CAT24C02WI-GT3
	QLE24C023M-EP	IC LE24C023M-TLM-E
	QXXAVC837—P	IC AT24C02BN-10SU-1.8
IC2404	QTC7SH08FU—P	IC TC7SH08FU(TE85L)
IC2405	QTC7SH08FU—P	IC TC7SH08FU(TE85L)
IC5500	QXXAVD160—M	IC BCM35243KFEB1G P11
IC5500A	1AA2HER0052—	HEAT SINK SHEET-N7BE
IC5700	QXXAVD134—M	IC K4T51163QG-HCF8
	QXXAVD057—P	IC HYB18TC512160CF-1.9
IC5730	QXXAVD076—G	IC PQ018EHS2ZPH
IC5750	QXXAAJQ0972—	IC HY27US08561A N7AE
IC5750A	QXXAVD058—M	IC HY27US08561A
IC5900	QXXAVD046—P	IC XC6108N28AMR
IC6250	QCS4352-CZZ-P	IC CS4352-CZZ
IC6270	QPCM1808PWR-P	IC PCM1808PWR
IC6300	QNJM4558M—P	IC NJM4558M-TE2
	QBA4558RF-E2P	IC BA4558RF-E2
IC6501	QXXAVC986—P	IC CAT24C02WI-GT3
	QLE24C023M-EP	IC LE24C023M-TLM-E
	QXXAVC837—P	IC AT24C02BN-10SU-1.8
IC6502	QCD4052BNSR-P	IC CD4052BNSR
IC6502	QTC4052BF—P	IC TC4052BF-EL
IC6531	QXXAVC986—P	IC CAT24C02WI-GT3
	QLE24C023M-EP	IC LE24C023M-TLM-E
	QXXAVC837—P	IC AT24C02BN-10SU-1.8
IC6561	QXXAVC986—P	IC CAT24C02WI-GT3
	QLE24C023M-EP	IC LE24C023M-TLM-E
	QXXAVC837—P	IC AT24C02BN-10SU-1.8
IC6601	QRT9711CGB—P	IC RT9711CGB
IC6700	QBD9845FV—P	IC BD9845FV-E2
IC6730	QNJM2903M—P	IC NJM2903M-T2
IC6740	QLV5803M-E—P	IC LV5803M-TE-L-E
IC6750	QXXAVC692—P	IC PQ1LAX95MSPQ
IC7500	QXXAVD167—M	IC BCM35421KFEBGP13
IC7500A	1AA2HER0057—	HEAT SINK SHEET B-N7KE
IC7600	QXXAAJQ1081—	IC M25P80-VMW6TG N7KE
IC7600A	QXXAVD096—P	IC M25P80-VMW6TG
IC7610	QXXAVD046—P	IC XC6108N28AMR
IC7700	QXXAVD090—M	IC K4J52324QH-HC12
	QXXAVD090—P	IC K4J52324QH-HC12
IC7700A	1AA2HER0054—	HEAT SINK SHEET-N7KE

COILS

L004	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L005	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L006	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L007	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L011	1LB4L26B1180G	INDUCTOR 10U M
L012	1LB4L26B1180G	INDUCTOR 10U M
L013	1LB4L26B1180G	INDUCTOR 10U M
L014	1LB4L26B1180G	INDUCTOR 10U M
L800	1AV4L2FB3R3MG	"INDUCTOR,3.3U M"
L801	1AV4L2FB3R3MG	"INDUCTOR,3.3U M"
L1000	1AV4L2FB3R3MG	"INDUCTOR,3.3U M"
L1200	1AV4L2FB3R3MG	"INDUCTOR,3.3U M"

Schematic Location	Part No.	Description
L1600	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1601	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1602	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1604	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1608	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1609	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1610	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1613	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1614	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1620	1AV4L26B5930N	"INDUCTOR,10U"
L1621	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1622	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1623	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1624	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1625	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1640	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1644	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1645	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1646	1AV4L26B5930N	"INDUCTOR,10U"
L1650	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1652	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1660	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1678	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1679	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1686	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1687	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1800	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1801	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L1902	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L5500	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5501	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5502	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5503	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5504	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5505	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5509	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5511	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5513	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5514	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5515	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5516	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5517	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5518	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5519	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5520	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5521	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L5522	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5523	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5524	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5525	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5650	1AV4L2GAR47JG	"INDUCTOR,0.47U J"
L5651	1AV4L2GAR47JG	"INDUCTOR,0.47U J"
L5652	1AV4L2GAR47JG	"INDUCTOR,0.47U J"
L5653	1AV4L2GAR47JG	"INDUCTOR,0.47U J"
L5654	1AV4L2GAR47JG	"INDUCTOR,0.47U J"
L5655	1AV4L2GAR47JG	"INDUCTOR,0.47U J"

Schematic Location	Part No.	Description
L5701	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L5731	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L5751	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L5802	1AV4L2GA150JG	"INDUCTOR,15U J"
L5803	1AV4L2GA150JG	"INDUCTOR,15U J"
L5804	1AV4L2GA150JG	"INDUCTOR,15U J"
L6100	RGF1200JTCANL	MT-GLAZE 120 JA 1/10W
L6101	RGF1200JTCANL	MT-GLAZE 120 JA 1/10W
L6104	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6105	1AV4L2FB3R3MG	"INDUCTOR,3.3U M"
L6117	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L6131	1AV4L2GAR47JG	"INDUCTOR,0.47U J"
L6132	1AV4L2GAR47JG	"INDUCTOR,0.47U J"
L6250	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L6251	1AV4L2FB3R3MG	"INDUCTOR,3.3U M"
L6252	1AV4L2FB3R3MG	"INDUCTOR,3.3U M"
L6301	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6302	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L6303	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L6304	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L6305	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L6306	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L6307	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L6308	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6309	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6323	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
L6325	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6326	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6603	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6700	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6702	1AV4L26B060G	"INDUCTOR,4.7U"
L6703	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6705	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6706	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6707	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6708	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6710	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6711	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6712	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6730	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6740	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6741	1LB4L26B1330G	INDUCTOR 5.1U M
L6742	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6743	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6750	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6751	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7500	1LB4L26B0740G	"INDUCTOR ,220 OHM"
L7501	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L7502	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L7503	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L7504	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L7505	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L7506	1LB4L26B0700G	"INDUCTOR ,120 OHM"
L7600	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7650	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7651	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W

Schematic Location	Part No.	Description
L7704	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7705	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7706	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7707	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7708	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7709	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7713	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7714	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7715	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7716	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7717	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"
L7718	1AV4L3CY201MG	"IMPEDANCE,200 OHM M"

TRANSISTORS

Q001	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q800	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q801	TISA1235AC1FP	TR ISA1235AC1F
	TISA1235AC1EP	TR ISA1235AC1E
	TXLBB005—P	TR MMBTSA1235F
Q806	TISA1235AC1FP	TR ISA1235AC1F
	TISA1235AC1EP	TR ISA1235AC1E
	TXLBB005—P	TR MMBTSA1235F
Q807	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q808	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q1001	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q1002	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q1200	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q1201	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q1202	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q1203	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q1600	TA04449—P	TR AO4449
Q1602	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXLBB006—P	TR MMBTSC3928R
Q1603	T2SC3928A1R-P	TR 2SC3928A1R

Schematic Location	Part No.	Description
Q1630	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q1631	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q1633	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC2411K-Q-P	TR 2SC2411K-T146-Q
Q1640	T2SC3928A1R-P	TR 2SC3928A1R
Q1641	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	TA04449—P	TR A04449
Q1650	T2SC3928A1R-P	TR 2SC3928A1R
Q1651	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	TMCH6331-S-EG	TR MCH6331-S-TL-E
Q1801	T2SC3928A1R-P	TR 2SC3928A1R
Q1802	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q1805	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q1806	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q2400	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q2401	TUM6K1N—P	TR UM6K1N-TN
Q5501	T2SC3928A1R-P	TR 2SC3928A1R
Q5730	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q5802	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	TISA1235AC1FP	TR ISA1235AC1F
Q5803	TISA1235AC1EP	TR ISA1235AC1E
	TXXLBB005—P	TR MMBTSA1235F
	TISA1235AC1FP	TR ISA1235AC1F
Q5804	TISA1235AC1EP	TR ISA1235AC1E
	TXXLBB005—P	TR MMBTSA1235F
	TISA1235AC1FP	TR ISA1235AC1F
Q5806	TISA1235AC1EP	TR ISA1235AC1E
	TXXLBB005—P	TR MMBTSA1235F
	T2SC3928A1R-P	TR 2SC3928A1R
Q5807	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q5808	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S

Schematic Location	Part No.	Description
Q6333	TXXLBB006—P	TR MMBTSC3928R
	TISA1235AC1FP	TR ISA1235AC1F
	TISA1235AC1EP	TR ISA1235AC1E
Q6500	TXXLBB005—P	TR MMBTSA1235F
	T3LN01C-E—P	TR 3LN01C-TB-E
	T2SC3928A1R-P	TR 2SC3928A1R
Q6501	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q6502	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q6503	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q6504	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q6510	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	TXXAVB021—K	TR UPA672T-T1-A
Q6511	TXXAVB021—K	TR UPA672T-T1-A
Q6512	TXXAVB021—K	TR UPA672T-T1-A
Q6523	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
Q6530	T3LN01C-E—P	TR 3LN01C-TB-E
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q6560	TXXLBB006—P	TR MMBTSC3928R
	T3LN01C-E—P	TR 3LN01C-TB-E
	T2SC3928A1R-P	TR 2SC3928A1R
Q6584	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q6600	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q6700	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q6701	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	TFSS163-E—P	TR FSS163-TL-E
Q6771	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
Q6772	T2SC3650—P	TR 2SC3650-TD
	TUM6K1N—P	TR UM6K1N-TN
	T2SC3928A1R-P	TR 2SC3928A1R
Q7751	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q7752	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q7753	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	T2SC3928A1R-P	TR 2SC3928A1R
Q7761	T2SC3928A1S-P	TR 2SC3928A1S
	TXXLBB006—P	TR MMBTSC3928R
	TMCH6331-S-EG	TR MCH6331-S-TL-E

Schematic Location	Part No.	Description
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RESISTORS

R009	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R010	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R011	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R013	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R014	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R015	RGF2701FTCANL	MT-GLAZE 2.7K FA 1/10W
R016	RGF6801FTCANL	MT-GLAZE 6.8K FA 1/10W
R017	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W
R021	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R022	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R023	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R024	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R025	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R800	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R801	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R802	RGF2702JTCANL	MT-GLAZE 27K JA 1/10W
R803	RGF10R0JTCANL	MT-GLAZE 10 JA 1/10W
R805	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R806	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R807	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W
R810	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W
R811	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R813	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R818	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R819	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R820	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R821	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R826	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R827	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R828	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R829	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R830	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R831	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R833	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R838	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R839	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R840	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R841	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R846	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R847	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R848	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R851	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R852	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R853	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R854	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R857	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R858	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W
R859	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W
R860	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R861	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R862	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R865	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R867	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R871	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W

Schematic Location	Part No.	Description
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R875	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R876	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R877	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R878	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R879	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R881	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R883	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R884	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R885	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R886	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W
R887	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W
R888	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W
R890	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R891	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R892	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R893	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R894	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R895	RGF2702JTCANL	MT-GLAZE 27K JA 1/10W
R896	RGF3300JTCANL	MT-GLAZE 330 JA 1/10W
R897	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R899	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1005	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R1006	RGF82R0JTCANL	MT-GLAZE 82 JA 1/10W
R1012	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1014	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W
R1015	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W
R1016	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1018	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R1019	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W
R1020	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W
R1021	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1022	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R1036	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W
R1037	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1038	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W
R1040	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W
R1041	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1042	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W
R1043	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W
R1044	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W
R1045	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1046	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R1047	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W
R1048	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W
R1049	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1050	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R1051	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W
R1052	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W
R1053	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1054	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R1055	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W
R1056	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W
R1057	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1058	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R1064	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W

Schematic Location	Part No.	Description
R1072	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1077	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1078	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1079	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1080	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1096	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1098	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1100	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1102	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1104	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1106	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1108	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1110	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1200	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1201	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1202	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1203	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1205	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R1207	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R1208	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1209	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1600	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1607	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1611	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R1612	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R1613	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1614	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R1615	RGF7501JTCANL	MT-GLAZE 7.5K JA 1/10W
R1616	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1617	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1618	RGF6801FTCANL	MT-GLAZE 6.8K FA 1/10W
R1619	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1620	RGF4700FTCANL	MT-GLAZE 470 FA 1/10W
R1621	RGF1001FTCANL	MT-GLAZE 1K FA 1/10W
R1622	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W
R1623	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1624	RGF18R0JTCANL	MT-GLAZE 18 JA 1/10W
R1625	RN1R005JTFANL	MT-FILM 0.005 JA 1W
R1627	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R1631	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R1632	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1633	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1639	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R1642	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R1643	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1644	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R1650	RGF1504JTCANL	MT-GLAZE 1.5M JA 1/10W
R1651	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R1652	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1654	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1655	RGF3302JTCANL	MT-GLAZE 33K JA 1/10W
R1657	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1659	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1660	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1661	RGF6801FTCANL	MT-GLAZE 6.8K FA 1/10W
R1662	RGF5602FTCANL	MT-GLAZE 56K FA 1/10W

Schematic Location	Part No.	Description
R1663	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W
R1666	RG147R0JTEANL	MT-GLAZE 47 JA 1W
R1667	RG122R0JTEANL	MT-GLAZE 22 JA 1W
R1668	RGF2202FTCANL	MT-GLAZE 22K FA 1/10W
R1669	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W
R1675	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W
R1676	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1678	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1680	RN1R005JTFANL	MT-FILM 0.005 JA 1W
R1681	RGF18R0JTCANL	MT-GLAZE 18 JA 1/10W
R1682	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R1683	RGF68R0JTCANL	MT-GLAZE 68 JA 1/10W
R1684	RG14700JTEANL	MT-GLAZE 470 JA 1W
R1696	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W
R1699	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1800	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1801	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1802	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1805	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1806	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1808	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1810	RGF3300JTCANL	MT-GLAZE 330 JA 1/10W
R1811	RGF3300JTCANL	MT-GLAZE 330 JA 1/10W
R1812	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R1826	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1827	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1829	1LB4L26B0700G	INDUCTOR “,120 OHM”
R1830	1LB4L26B0700G	INDUCTOR “,120 OHM”
R1831	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1833	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1835	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1842	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R1843	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1844	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1847	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R1848	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R1850	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1851	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W
R1852	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1853	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R1854	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1856	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R1869	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1901	RGF1801JTCANL	MT-GLAZE 1.8K JA 1/10W
R1902	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R1903	RGF3901JTCANL	MT-GLAZE 3.9K JA 1/10W
R1904	RGF5601JTCANL	MT-GLAZE 5.6K JA 1/10W
R1905	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R1906	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R1907	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R2404	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2405	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2406	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W
R2407	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W
R2408	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W
R2409	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W

Schematic Location	Part No.	Description
R2410	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R2411	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R2414	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R2415	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W
R2419	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R2420	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R2421	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2422	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2426	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2427	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2428	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2429	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2430	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2432	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R2434	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R2435	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R2436	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W
R2437	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W
R2438	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2445	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R2446	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R2447	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R2448	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R2449	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R2455	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R2456	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R2457	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2458	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R2459	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R2460	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R2461	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R3200	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R3203	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R3903	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R3908	RGF2200JTCANL	MT-GLAZE 220 JA 1/10W
R3909	RGF2200JTCANL	MT-GLAZE 220 JA 1/10W
R3911	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R3912	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R5500	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5502	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5503	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5511	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5515	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R5516	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R5517	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R5532	RGF1000FTCANL	MT-GLAZE 100 FA 1/10W
R5533	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5534	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5535	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5536	RGF1000FTCANL	MT-GLAZE 100 FA 1/10W
R5538	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5539	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5540	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5542	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5543	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5544	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W

Schematic Location	Part No.	Description
R5545	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5547	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5549	RGF2701FTCANL	MT-GLAZE 2.7K FA 1/10W
R5550	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5552	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5553	RGF3300FTCANL	MT-GLAZE 330 FA 1/10W
R5557	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5558	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5559	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5560	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5562	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5563	RGF1004JTCANL	MT-GLAZE 1M JA 1/10W
R5564	RGF1500JTCANL	MT-GLAZE 150 JA 1/10W
R5565	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5566	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5567	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5568	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5569	RGF82R0JTCANL	MT-GLAZE 82 JA 1/10W
R5570	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R5650	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5652	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5654	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5656	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5658	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5660	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5700	RGF1000FTCANL	MT-GLAZE 100 FA 1/10W
R5701	RGF1000FTCANL	MT-GLAZE 100 FA 1/10W
R5702	RGG56R0FTHANL	MT-GLAZE 56 FA 1/16W
R5703	RGG56R0FTHANL	MT-GLAZE 56 FA 1/16W
R5731	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5732	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R5733	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R5735	RGF68R0JTCANL	MT-GLAZE 68 JA 1/10W
R5751	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R5776	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5802	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5803	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5804	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5806	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5807	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5808	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5815	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5817	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5819	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5822	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5823	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5824	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W
R5826	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5827	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5828	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5833	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5834	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5835	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5836	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5837	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R5838	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W

Schematic Location	Part No.	Description
R5839	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5840	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R5843	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R5846	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5847	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5848	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W
R5900	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R5901	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R5902	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R5950	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R5951	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5954	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5955	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5956	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5957	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5959	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R5960	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6100	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6101	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6104	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6105	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6107	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R6109	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R6113	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6115	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6116	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R6130	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6201	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6203	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6210	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6212	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6232	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6233	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6234	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6250	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6252	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6253	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6255	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6256	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6257	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6258	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6259	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6260	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6261	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6270	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6271	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6275	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6276	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R6277	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R6278	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R6280	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R6301	RGF2201FTCANL	MT-GLAZE 2.2K FA 1/10W
R6302	RGF3302FTCANL	MT-GLAZE 33K FA 1/10W
R6303	RGF2201FTCANL	MT-GLAZE 2.2K FA 1/10W
R6304	RGF3302FTCANL	MT-GLAZE 33K FA 1/10W
R6305	RGF6802FTCANL	MT-GLAZE 68K FA 1/10W

Schematic Location	Part No.	Description
R6306	RGF6802FTCANL	MT-GLAZE 68K FA 1/10W
R6310	RGF2201FTCANL	MT-GLAZE 2.2K FA 1/10W
R6311	RGF3302FTCANL	MT-GLAZE 33K FA 1/10W
R6312	RGF2201FTCANL	MT-GLAZE 2.2K FA 1/10W
R6313	RGF3302FTCANL	MT-GLAZE 33K FA 1/10W
R6314	RGF6802FTCANL	MT-GLAZE 68K FA 1/10W
R6315	RGF6802FTCANL	MT-GLAZE 68K FA 1/10W
R6317	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6318	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6321	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R6322	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R6329	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6336	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6338	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W
R6342	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6347	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6365	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6366	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6381	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R6382	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6384	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6397	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6398	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6399	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6500	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6501	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6502	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6503	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6504	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6505	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6506	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6507	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6508	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6509	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R6510	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R6511	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6512	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6513	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6514	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6515	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6516	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6517	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6518	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6519	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W
R6520	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W
R6521	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6522	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6524	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6525	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R6526	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6527	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6528	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6529	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6530	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6531	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6532	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W

Schematic Location	Part No.	Description
R6535	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6539	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R6540	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R6541	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6542	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6543	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6544	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6545	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6546	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6547	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6548	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6549	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W
R6550	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W
R6551	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6552	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6554	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R6555	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6556	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6557	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6560	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6561	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6562	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6565	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6566	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6567	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6569	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R6570	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R6571	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6572	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6573	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6575	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6576	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6577	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6578	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6579	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6580	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W
R6581	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W
R6582	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6583	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6585	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6587	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R6591	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6592	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R6599	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6611	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6613	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6614	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W
R6615	RGF1502JTCANL	MT-GLAZE 15K JA 1/10W
R6616	RGF1502JTCANL	MT-GLAZE 15K JA 1/10W
R6617	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R6618	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
R6622	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6623	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6624	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6630	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6631	RGF2203JTCANL	MT-GLAZE 220K JA 1/10W

Schematic Location	Part No.	Description
R6650	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R6651	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6652	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R6700	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R6701	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W
R6703	RGF7501JTCANL	MT-GLAZE 7.5K JA 1/10W
R6704	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6705	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R6706	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6707	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R6708	RGF5601JTCANL	MT-GLAZE 5.6K JA 1/10W
R6709	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6711	RN1R005JTFANL	MT-FILM 0.005 JA 1W
R6715	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6730	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W
R6731	RGF7500FTCANL	MT-GLAZE 750 FA 10-Jan
R6732	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6733	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W
R6734	RGF1501FTCANL	MT-GLAZE 1.5K FA 1/10W
R6735	RGF1200FTCANL	MT-GLAZE 120 FA 1/10W
R6736	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6737	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6740	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R6742	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R6743	RGF1201FTCANL	MT-GLAZE 1.2K FA 10-Jan
R6744	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R6745	RGF1501FTCANL	MT-GLAZE 1.5K FA 1/10W
R6746	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6750	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R6751	RGF6801FTCANL	MT-GLAZE 6.8K FA 1/10W
R6752	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W
R6753	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W
R6754	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6755	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6758	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6760	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6761	RGF1501JTCANL	MT-GLAZE 1.5K JA 1/10W
R6762	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6768	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W
R6769	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W
R6771	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R6772	RGF3302JTCANL	MT-GLAZE 33K JA 1/10W
R6773	RGF3302JTCANL	MT-GLAZE 33K JA 1/10W
R6774	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R6775	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R6776	RG14R70JTEANL	MT-GLAZE 4.7 JA 1W
R6777	RG14R70JTEANL	MT-GLAZE 4.7 JA 1W
R7500	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R7501	RGF22R0FTCANL	MT-GLAZE 22 FA 1/10W
R7502	RGF18R0FTCANL	MT-GLAZE 18 FA 1/10W
R7503	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R7504	RGF22R0FTCANL	MT-GLAZE 22 FA 1/10W
R7505	RGF18R0FTCANL	MT-GLAZE 18 FA 1/10W
R7506	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R7507	RGF2200FTCANL	MT-GLAZE 220 FA 1/10W
R7508	RGF22R0FTCANL	MT-GLAZE 22 FA 1/10W

Schematic Location	Part No.	Description
R7509	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R7510	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R7513	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7514	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7515	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7516	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7517	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7518	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7519	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7520	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7521	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7522	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7523	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7524	RGG1000JTHANL	MT-GLAZE 100 JA 1/16W
R7525	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7526	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7527	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7528	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7529	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7530	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7531	RGF22R0FTCANL	MT-GLAZE 22 FA 1/10W
R7532	RGF4700FTCANL	MT-GLAZE 470 FA 1/10W
R7533	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R7534	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R7539	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R7543	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W
R7545	RGF22R0FTCANL	MT-GLAZE 22 FA 1/10W
R7546	RGF4700FTCANL	MT-GLAZE 470 FA 1/10W
R7548	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7551	RGF1004JTCANL	MT-GLAZE 1M JA 1/10W
R7554	RGF3300JTCANL	MT-GLAZE 330 JA 1/10W
R7555	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R7557	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7559	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7600	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R7601	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R7602	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W
R7603	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7604	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7605	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7610	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7611	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
R7614	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7620	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7621	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7640	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R7643	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R7655	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R7656	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R7700	RGF2200FTCANL	MT-GLAZE 220 FA 1/10W
R7701	RGF22R0FTCANL	MT-GLAZE 22 FA 1/10W
R7702	RGF7500FTCANL	MT-GLAZE 750 FA 10-Jan
R7703	RGF4701FTCANL	MT-GLAZE 4.7K FA 1/10W
R7704	RGF1500FTCANL	MT-GLAZE 150 FA 1/10W
R7705	RGF2201FTCANL	MT-GLAZE 2.2K FA 1/10W
R7706	RGF2201FTCANL	MT-GLAZE 2.2K FA 1/10W

Schematic Location	Part No.	Description
R7707	RGF1500FTCANL	MT-GLAZE 150 FA 1/10W
R7708	RGF4701FTCANL	MT-GLAZE 4.7K FA 1/10W
R7709	RGF7500FTCANL	MT-GLAZE 750 FA 10-Jan
R7710	RGG60R4FTHANL	MT-GLAZE 60.4 FA 1/16W
R7711	RGG60R4FTHANL	MT-GLAZE 60.4 FA 1/16W
R7751	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7752	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7755	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W
R7758	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W
R7759	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R7760	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W
R7762	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
R7763	RGF1504JTCANL	MT-GLAZE 1.5M JA 1/10W
R7769	RG11500JTEANL	MT-GLAZE 150 JA 1W

SWITCHES

SW1901	1AV4S10B0722J	"SWITCH,PUSH"
SW1902	1AV4S10B0722J	"SWITCH,PUSH"
SW1903	1AV4S10B0722J	"SWITCH,PUSH"
SW1904	1AV4S10B0722J	"SWITCH,PUSH"
SW1905	1AV4S10B0722J	"SWITCH,PUSH"

CRYSTAL / FILTERS

X5500	1AV4V10B9220G	"OSC,CRYSTAL 54.1MHZ"
X7500	1AV4V10B9130G	"OSC,CRYSTAL 40MHZ"
X800	1AV4V11B1771G	"OSC,CERAMIC 8.00MHZ"
X801	1AV4V10B0560N	"OSC,CRYSTAL 32.768KHZ"

Schematic Location	Part No.	Description
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MISCELLANEOUS

A3900	1AV4U20C11701	"UNIT,REMOCON RECEIVER"
⚠ A6100	1AV4F1BAZ0100	"TUNER,U/V"
⚠ EL901	1AV4T40C07800	LCD PANEL
K1003	1LB4J31B01101	"TERMINAL, BOARD"
K1004	1LB4J12B11700	"JACK,RCA-9"
K1005	1LB4J12B11600	"JACK,RCA-6"
K19CTR	1AV4J10AV083N	"PLUG,8P"
K19K	1AV4J10AR061N	"PLUG,6P"
K2401	1LB4J12B11900	"JACK,PHONE D3.6"
K2402	1LB4J11B0630N	"SOCKET,D-SUB 15P"
K39K	1AV4J10EA063N	"PLUG,6P"
K5LVDS	1AV4J10XE400G	"PLUG,40P"
K6501	1AV4J11B8591G	"SOCKET,IF(HDMI) 19P"
K6502	1AV4J11B8591G	"SOCKET,IF(HDMI) 19P"
K6503	1AV4J11B8591G	"SOCKET,IF(HDMI) 19P"
K7D	1AV4J10EP101G	"PLUG,10P"
K7LVDS	1AV4J10XC500G	"PLUG,50P"
K7PN1	1AV4J10XC500G	"PLUG,50P"
K7PN2	1AV4J10XC400G	"PLUG,40P"
K8B	1AV4J10FT140N	"PLUG,PWB 14P"
K8CTR	1AV4J10AU085N	"PLUG,8P"
K8D	1AV4J10AU105N	"PLUG,10P"
K8L	1AV4J10AU055N	"PLUG,5P"
KI2C	1AV4J10EP031G	"PLUG,3P"
KSP	1AV4J10EA043N	"PLUG,4P"
KUSB	1LB4J11B0550N	"SOCKET,USB 4P"
SP901	1LB4A10B08700	"SPEAKER, 8"
SP902	1LB4A10B08700	"SPEAKER, 8"
⚠ W901	1AV4W10B17903	AC CORD
⚠ WK5LV	1AA4W30B60200	CORD 52INCH,40P-50P(LVDS)
⚠ WK7P1-P1	1AA4W30B60300	CORD 52INCH,50P-51P(LVDS)
⚠ WK7P2-P2	1AA4W30B60400	CORD 52INCH,40P-41P(LVDS)

Schematic Location	Part No.	Description
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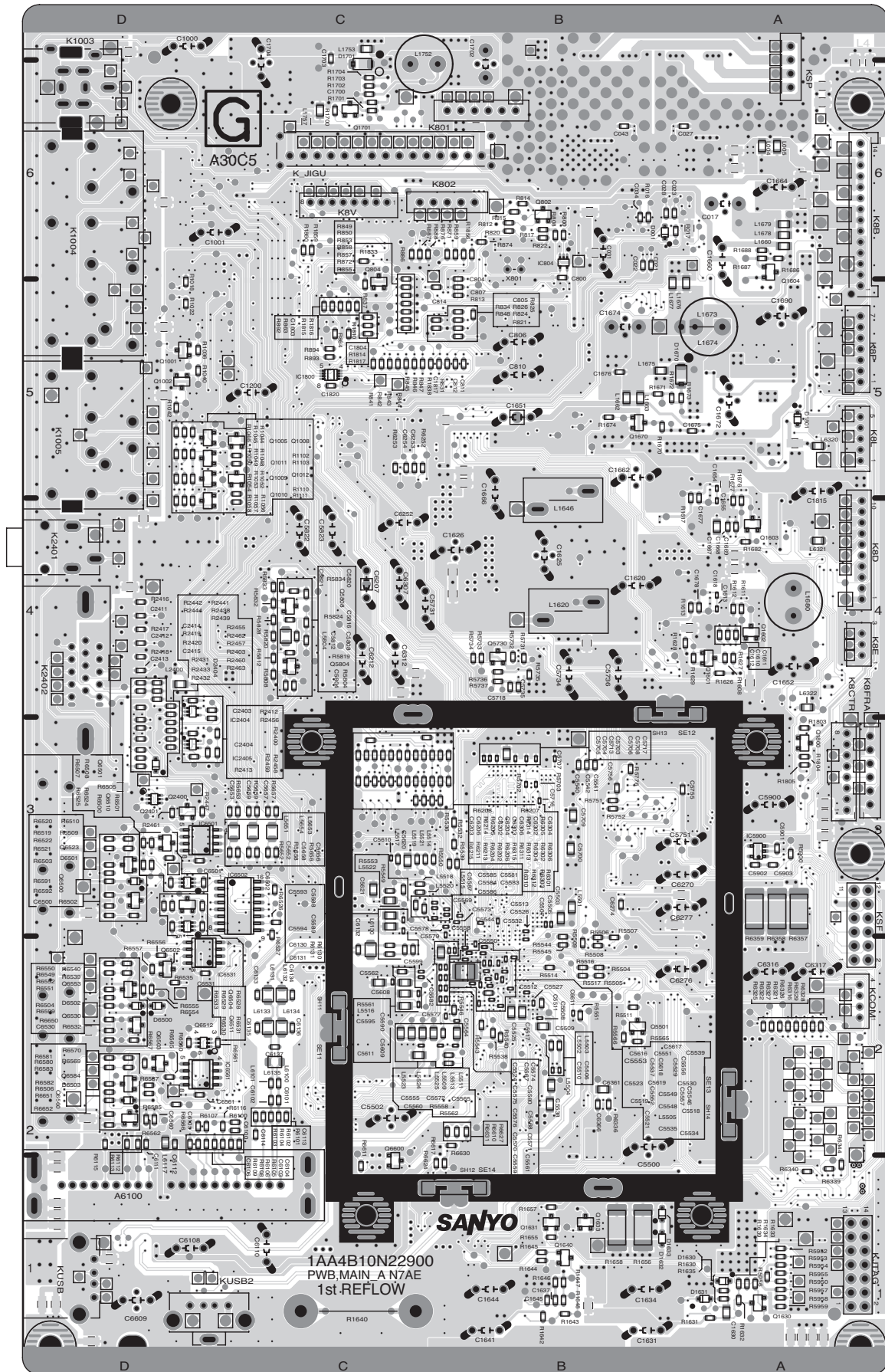
POWER BOARD

⚠ U901	1AV4U20C42500	UNIT POWER
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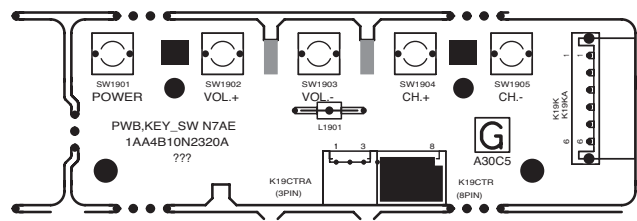
MAIN BOARD PARTS SIDE



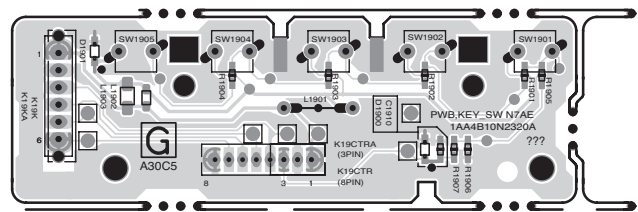
MAIN BOARD SOLDER SIDE



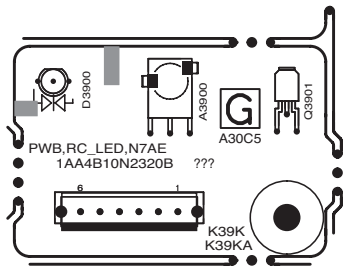
CONTROL BOARD PART SIDE



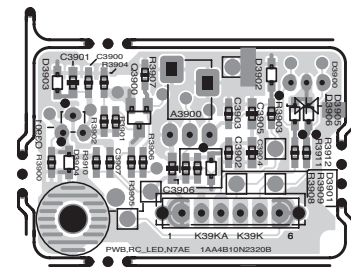
CONTROL BOARD SOLDER SIDE



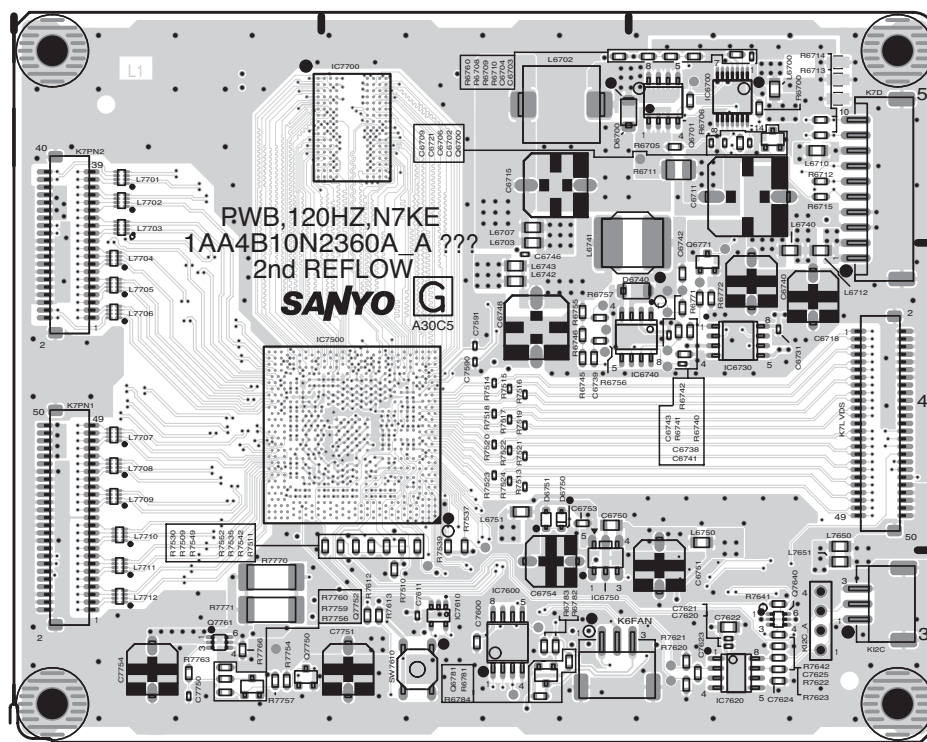
PWB RC_LED PART SIDE



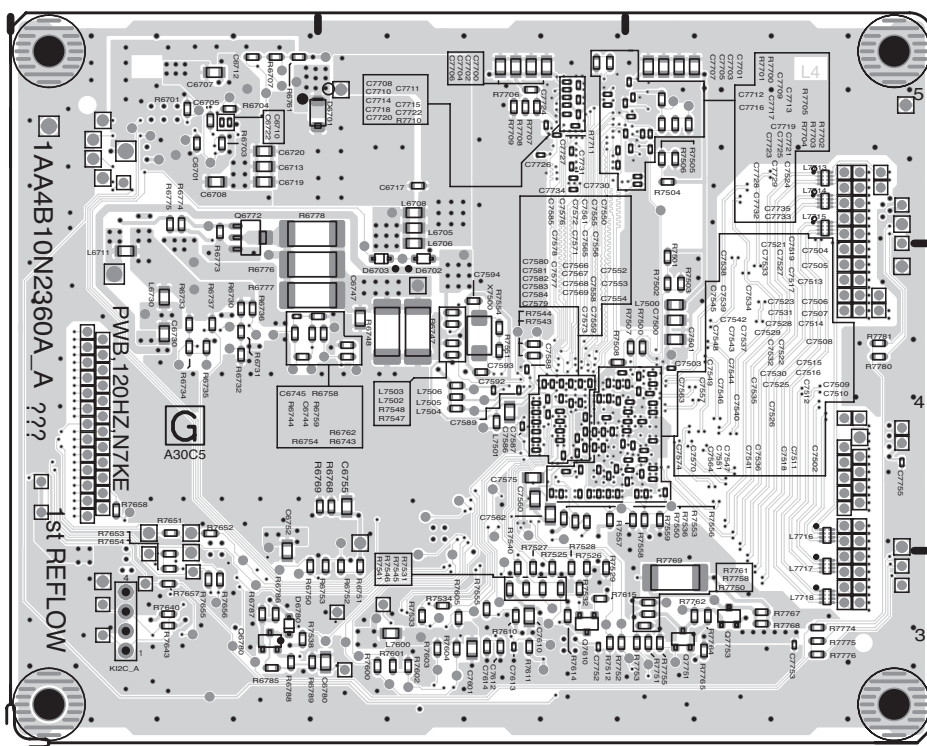
PWB RC_LED SOLDER SIDE



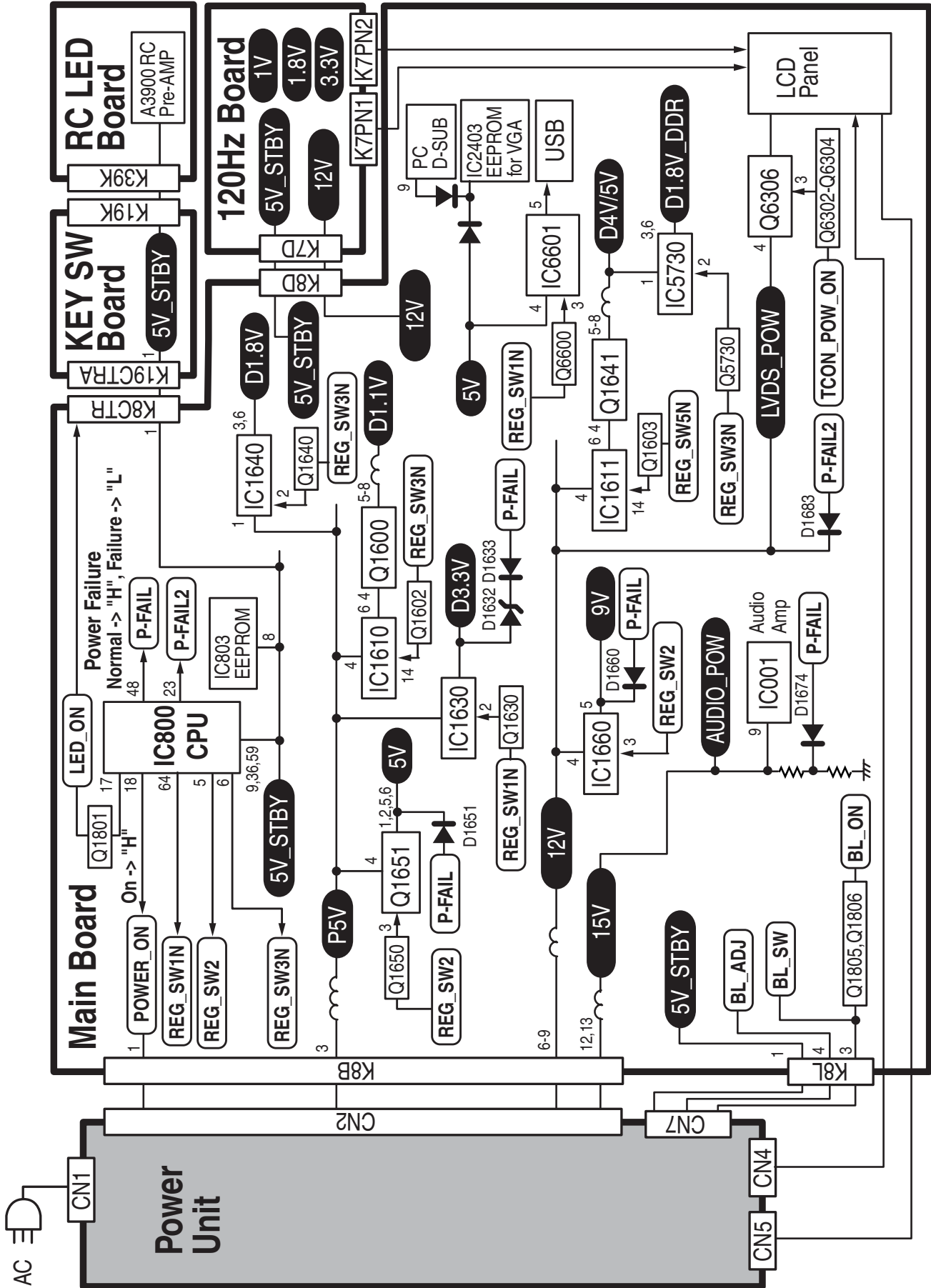
120 Hz COMPONENT SIDE



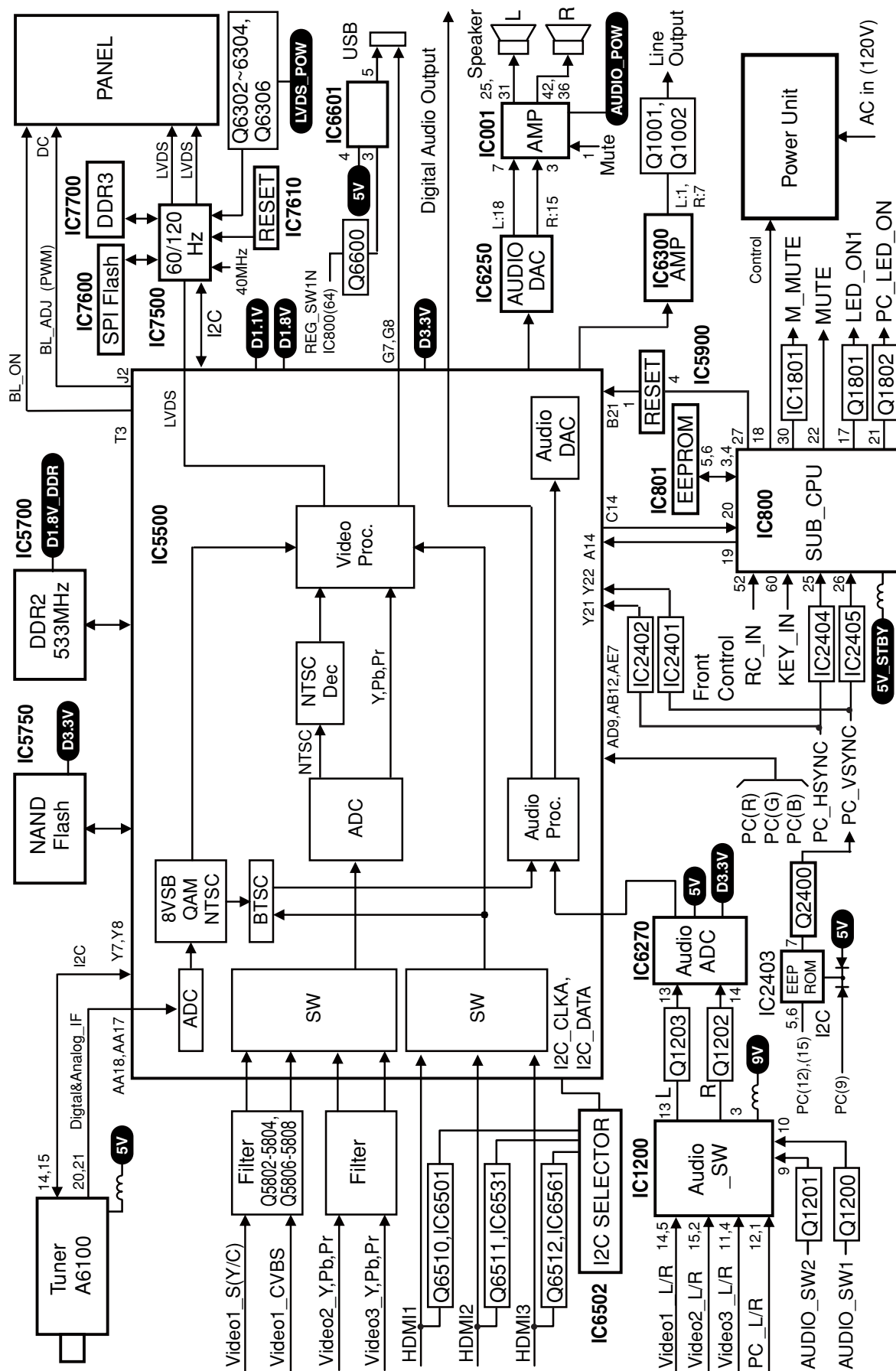
120 Hz SOLDER SIDE



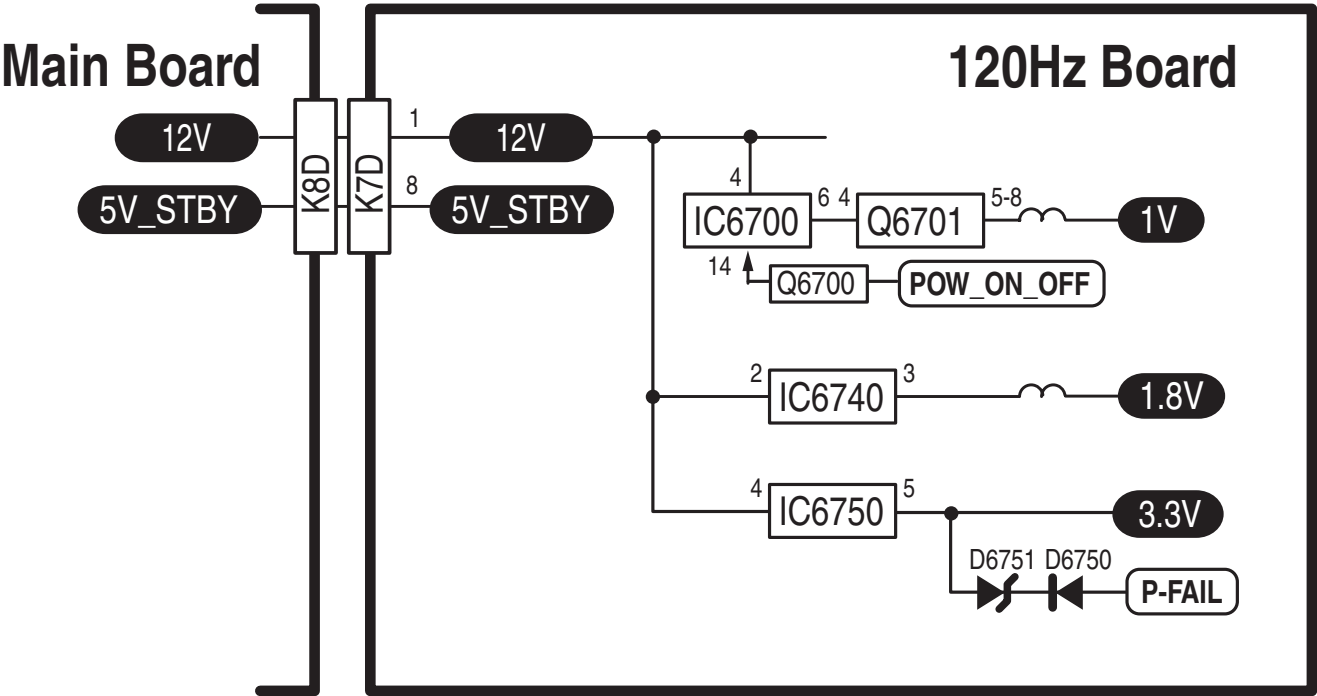
BLOCK DIAGRAM POWER LINES



BLOCK DIAGRAM SIGNAL LINES

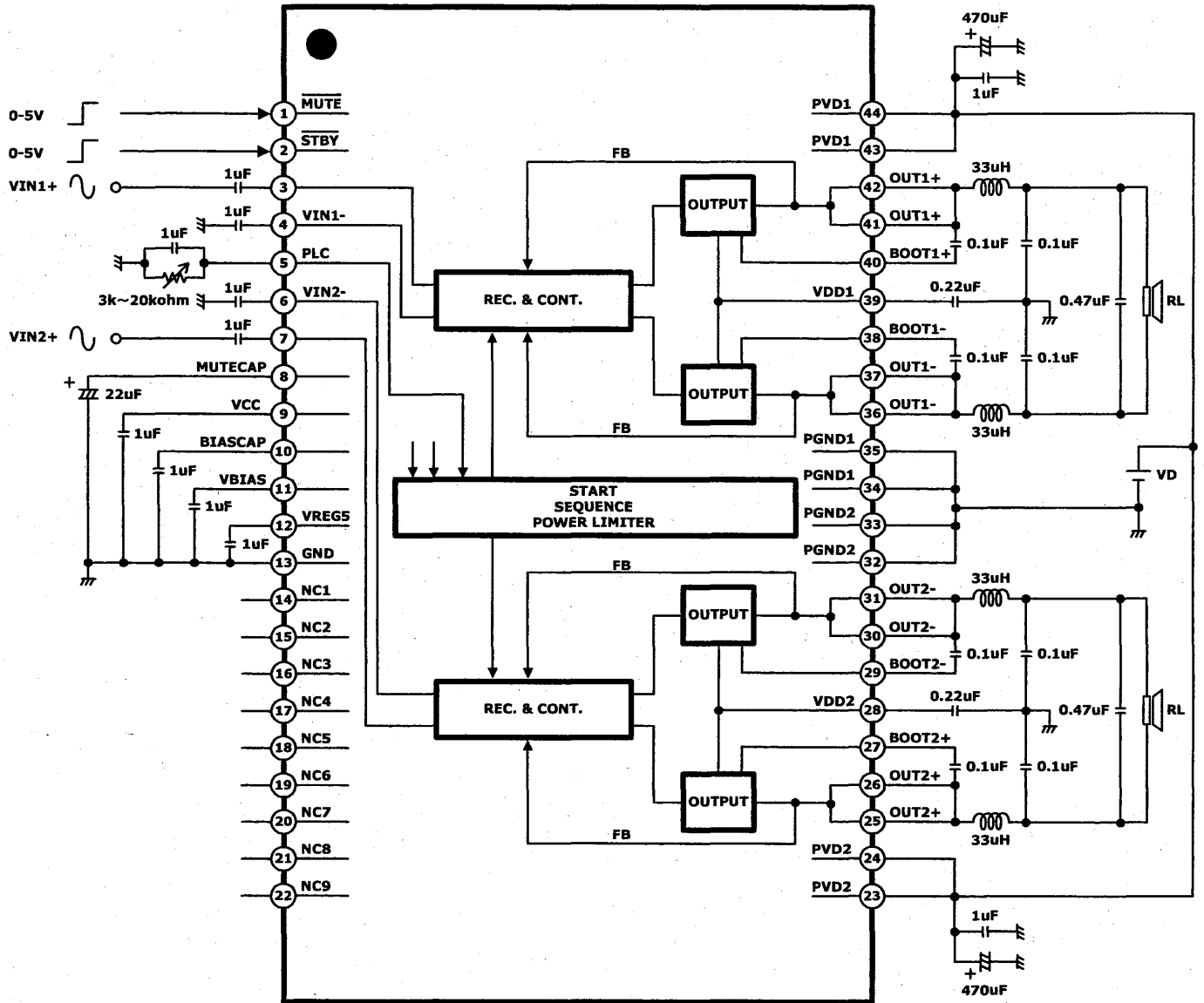


120 Hz POWER LINES



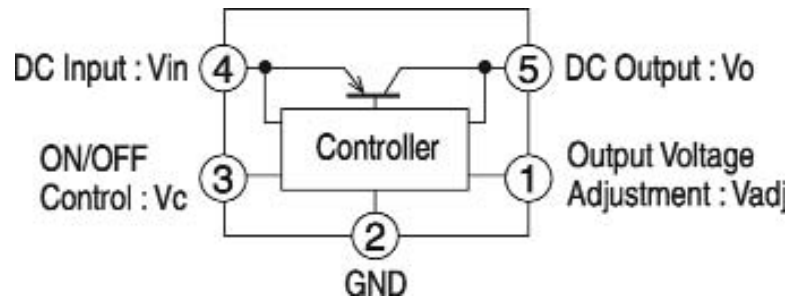
IC BLOCK DIAGRAMS

IC001, Audio AMP

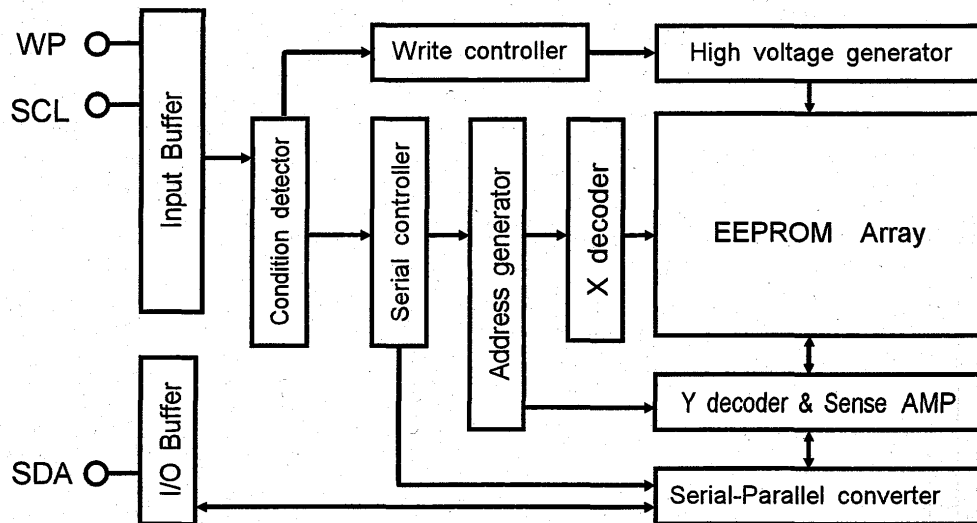


IC BLOCK DIAGRAMS (CONT.)

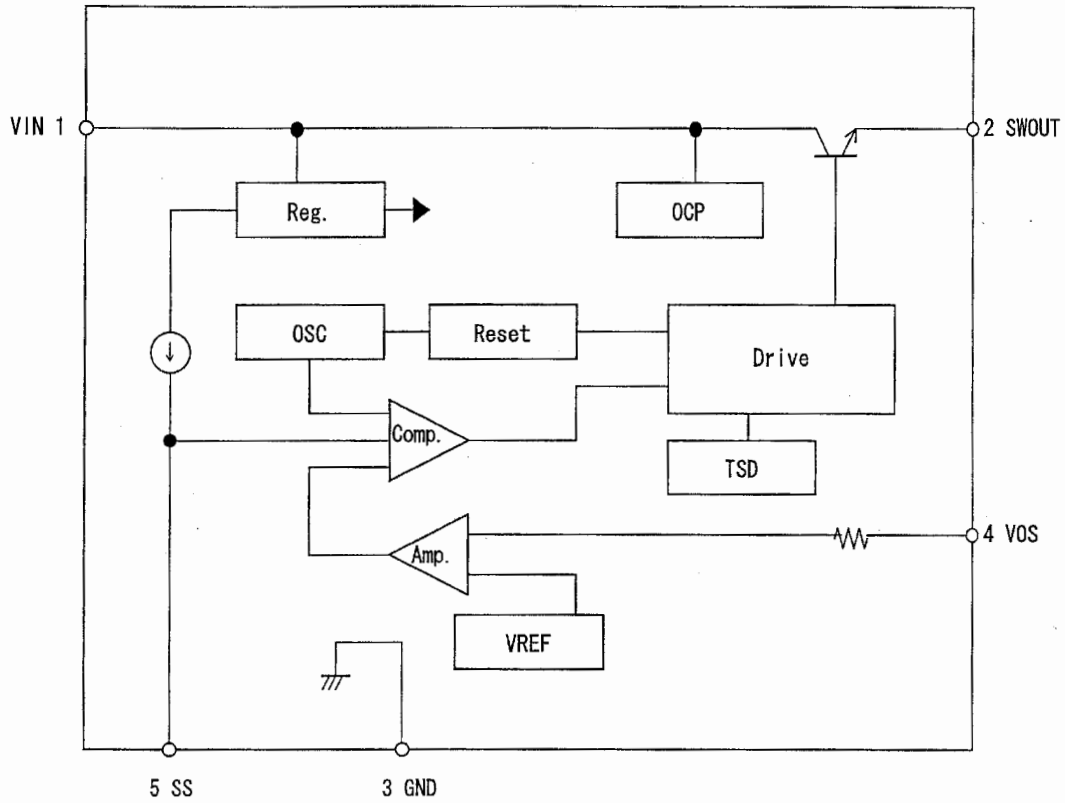
IC1660, DC to DC Converter



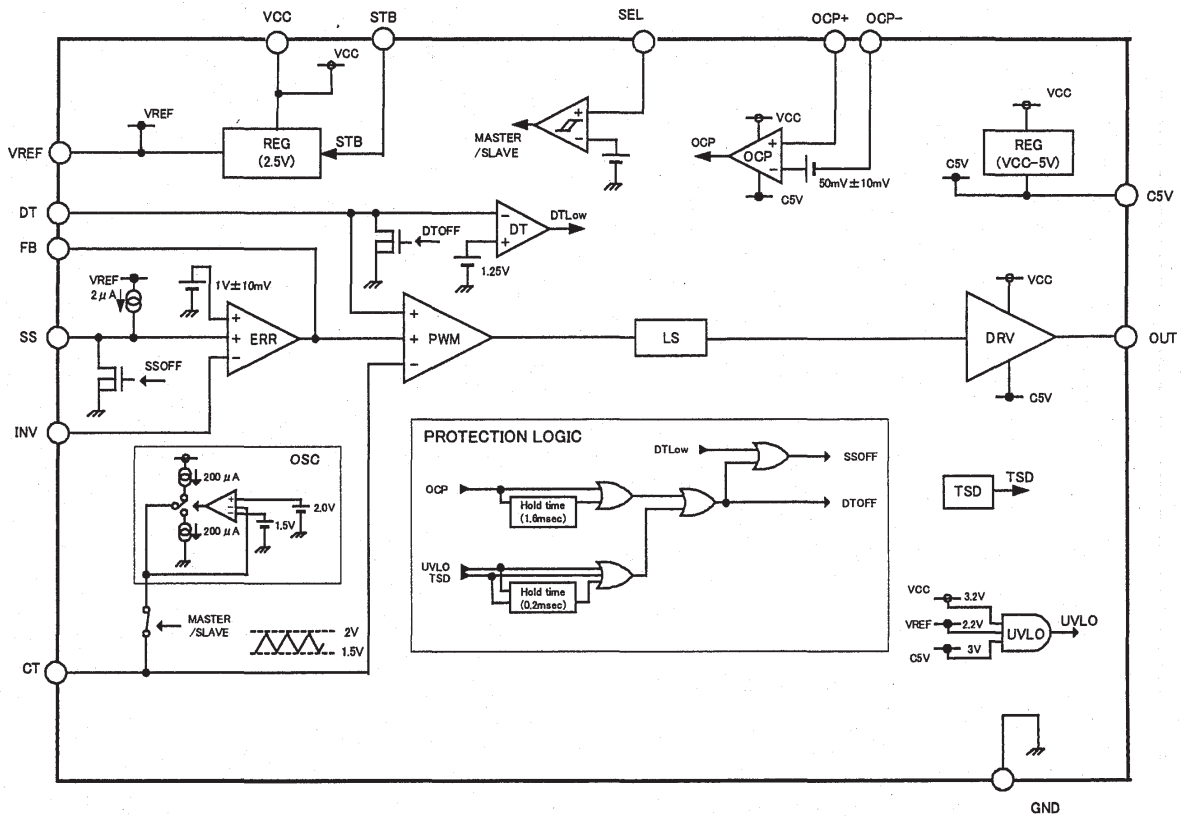
IC801, EEPROM



IC1670, DC to DC Converter

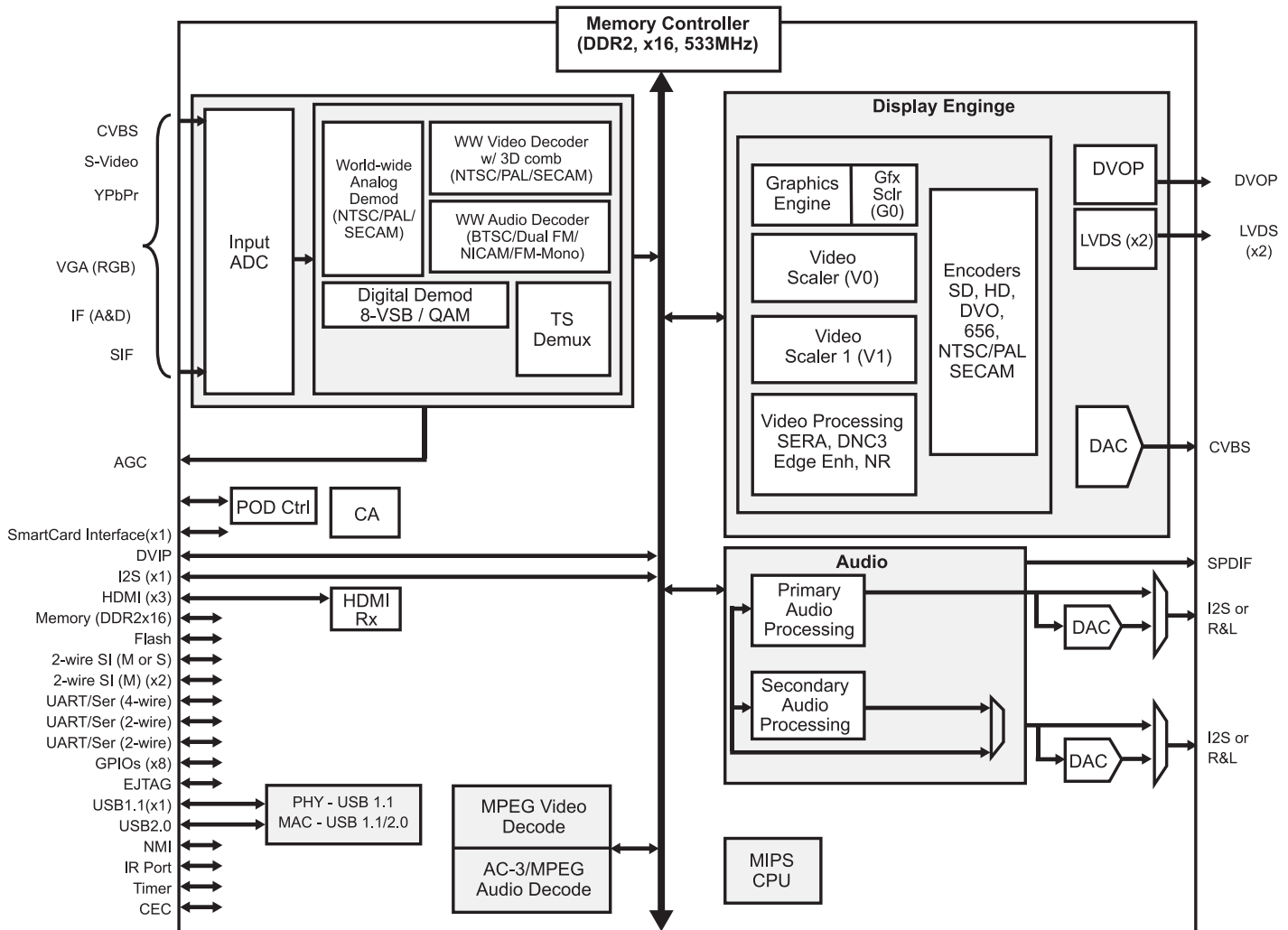


IC1640, DC to DC Converter

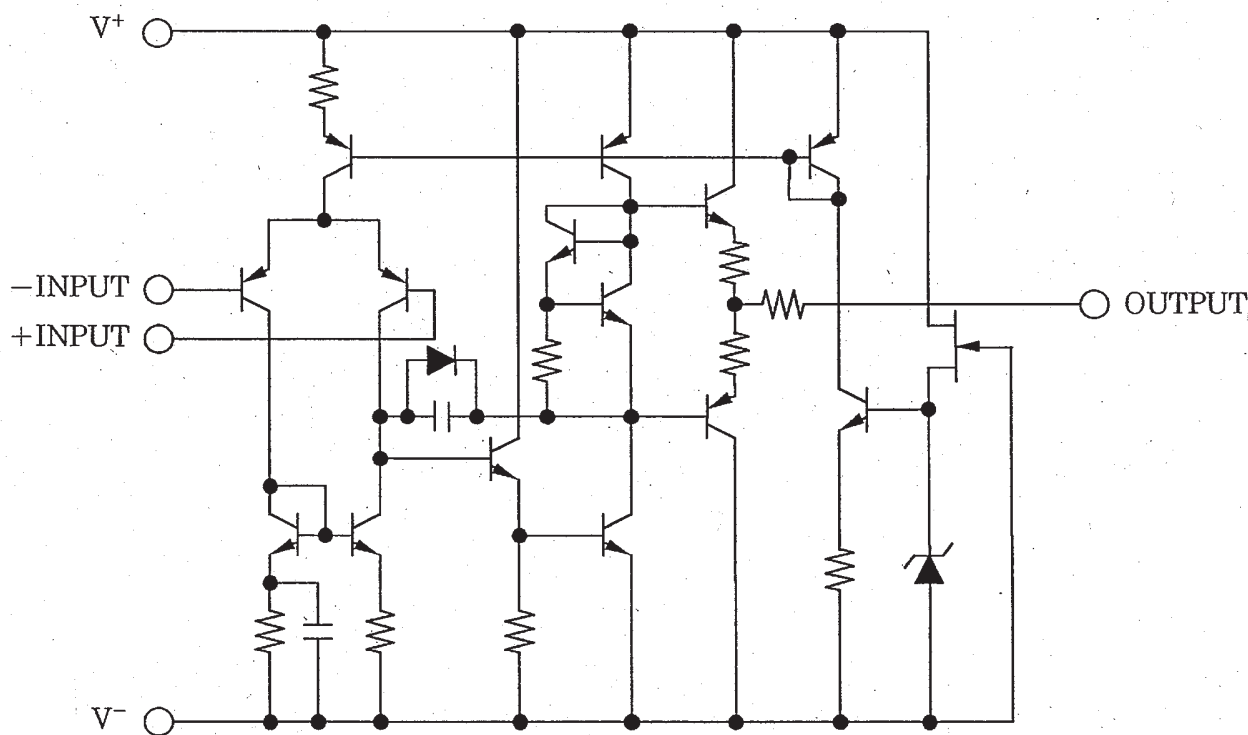


IC BLOCK DIAGRAMS (CONT.)

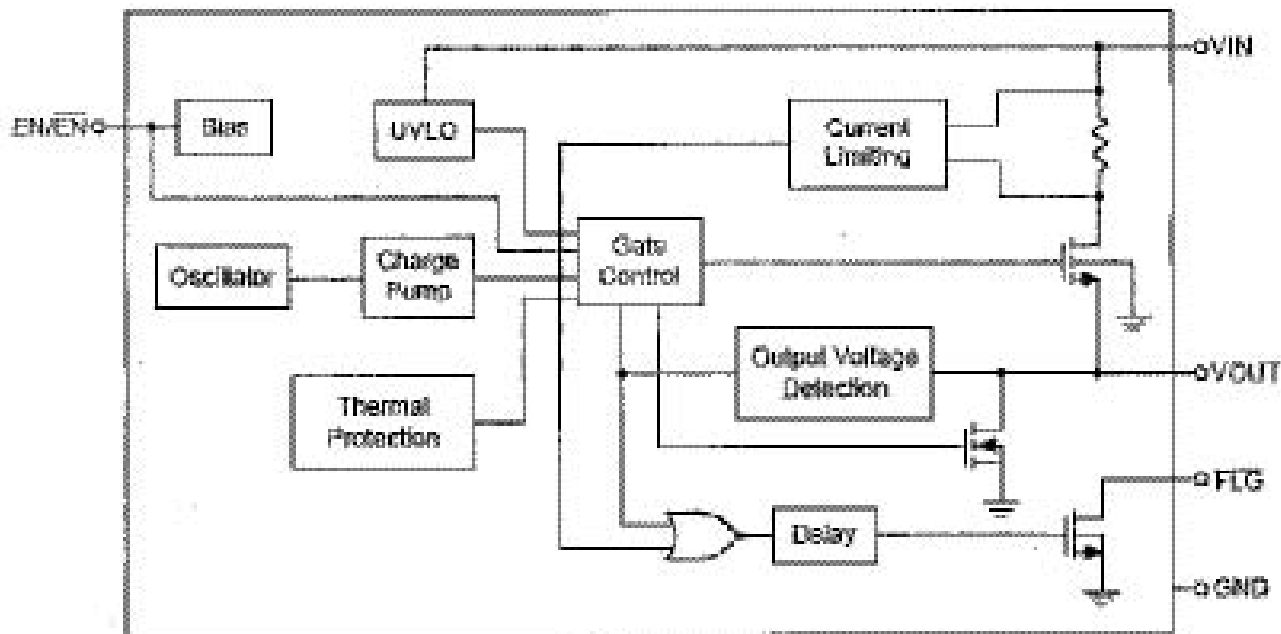
IC5500 Block Diagram



IC6300, Low output Amplifier

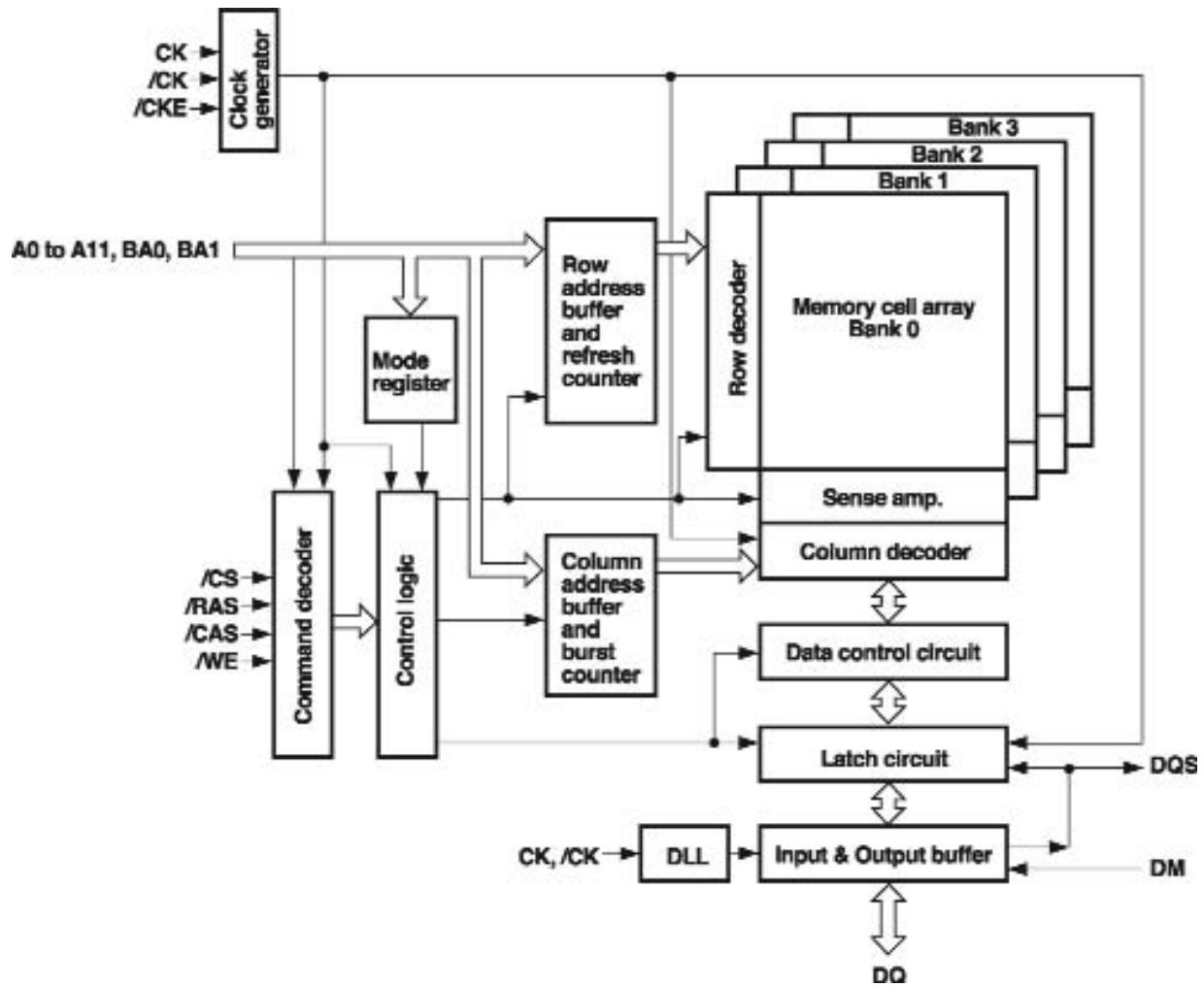


IC6601, USB Protection

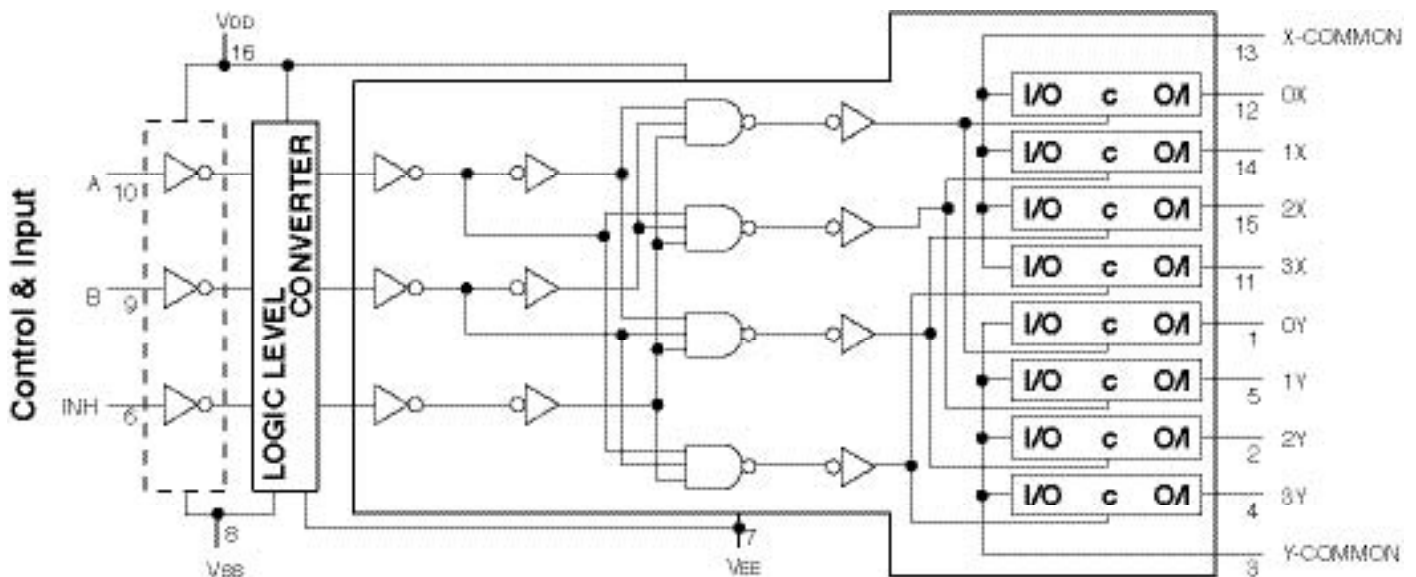


IC BLOCK DIAGRAMS (CONT.)

IC5700, DDR: Double Data Rate SDRAM

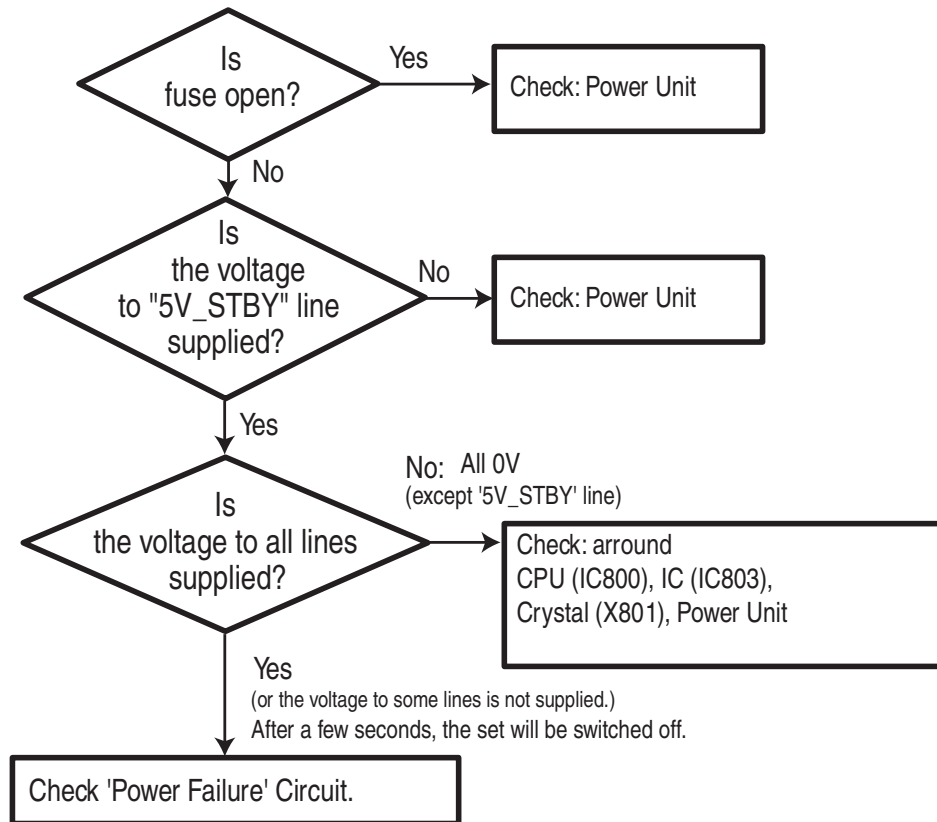


IC6502, I2C SELECTOR



TROUBLESHOOTING FLOW CHARTS

NO POWER



Power Failure Line

CPU (IC800) 48pin

Main Board

Diode	Detected Voltage
D1660	9V
D1632/D1633	D3.3V
D1651	5V
D1674	AUDIO_POW

120 Hz Board

Diode	Detected Voltage
D6750/D6751	3.3V

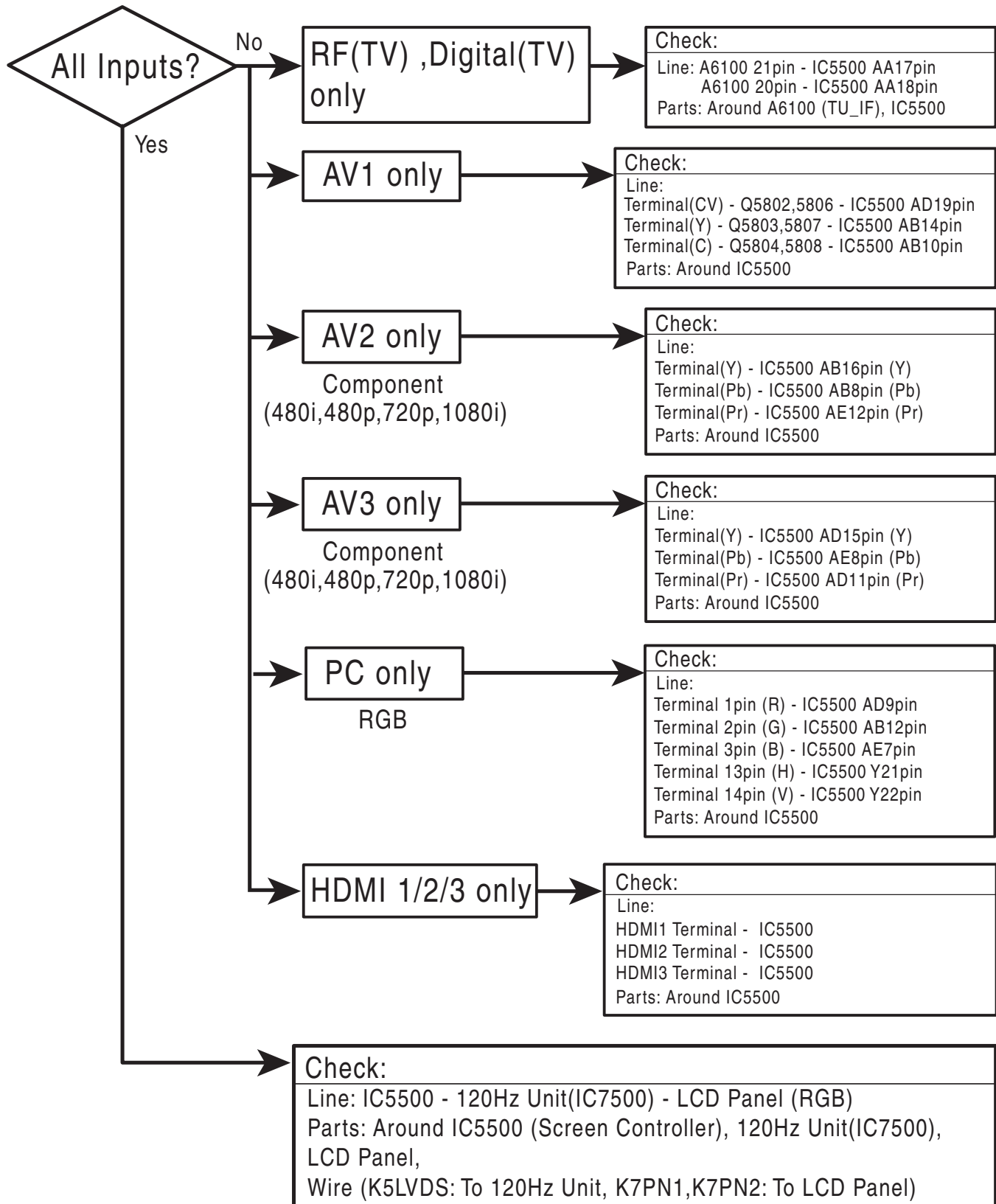
CPU (IC800) 23pin

Main Board

Diode	Detected Voltage
D1683	LVDS_POW

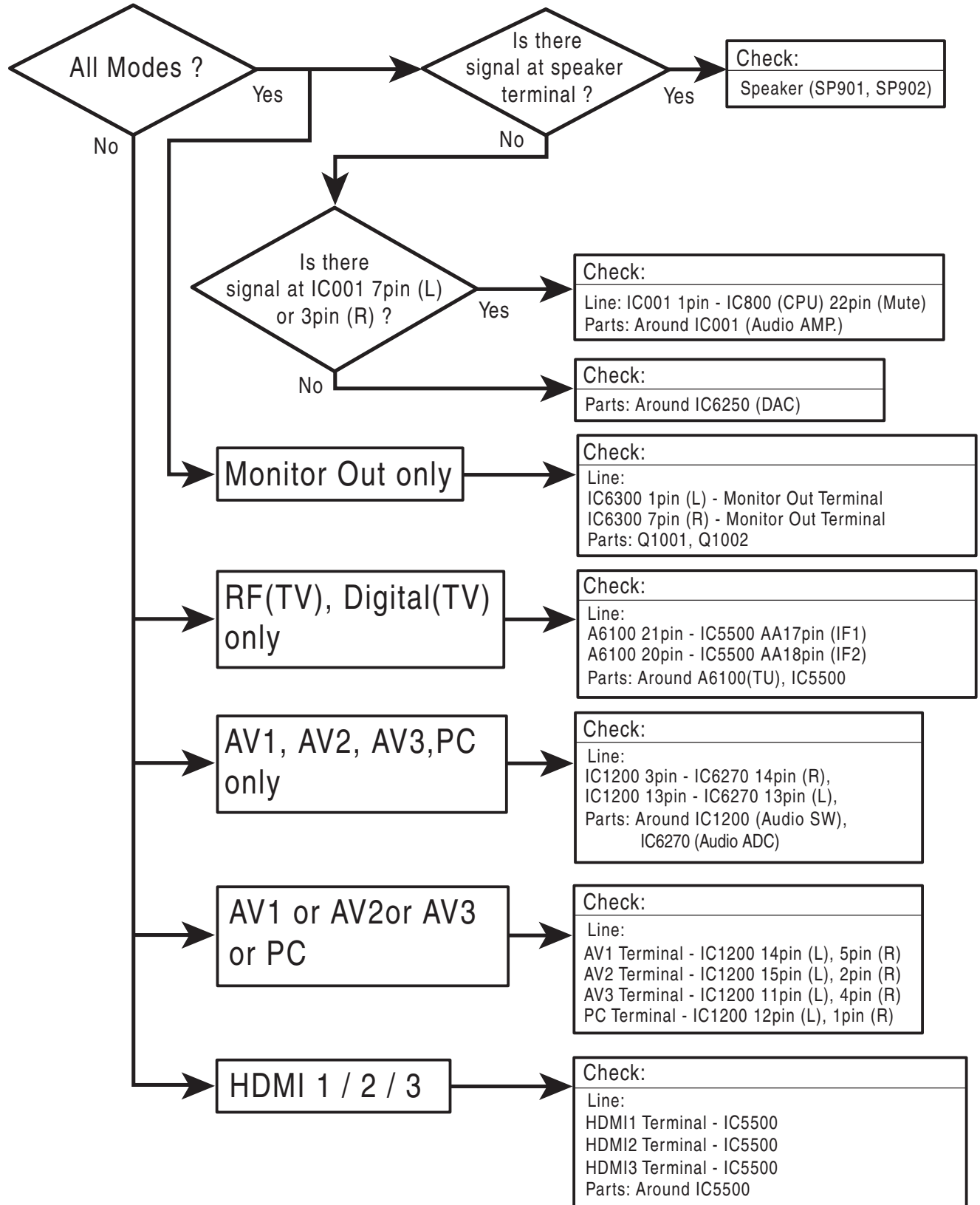
TROUBLESHOOTING FLOW CHARTS (continued)

NO VIDEO



TROUBLESHOOTING FLOW CHARTS (continued)

NO AUDIO



CONTROL PORT FUNCTIONS

System Control (CPU : IC800)

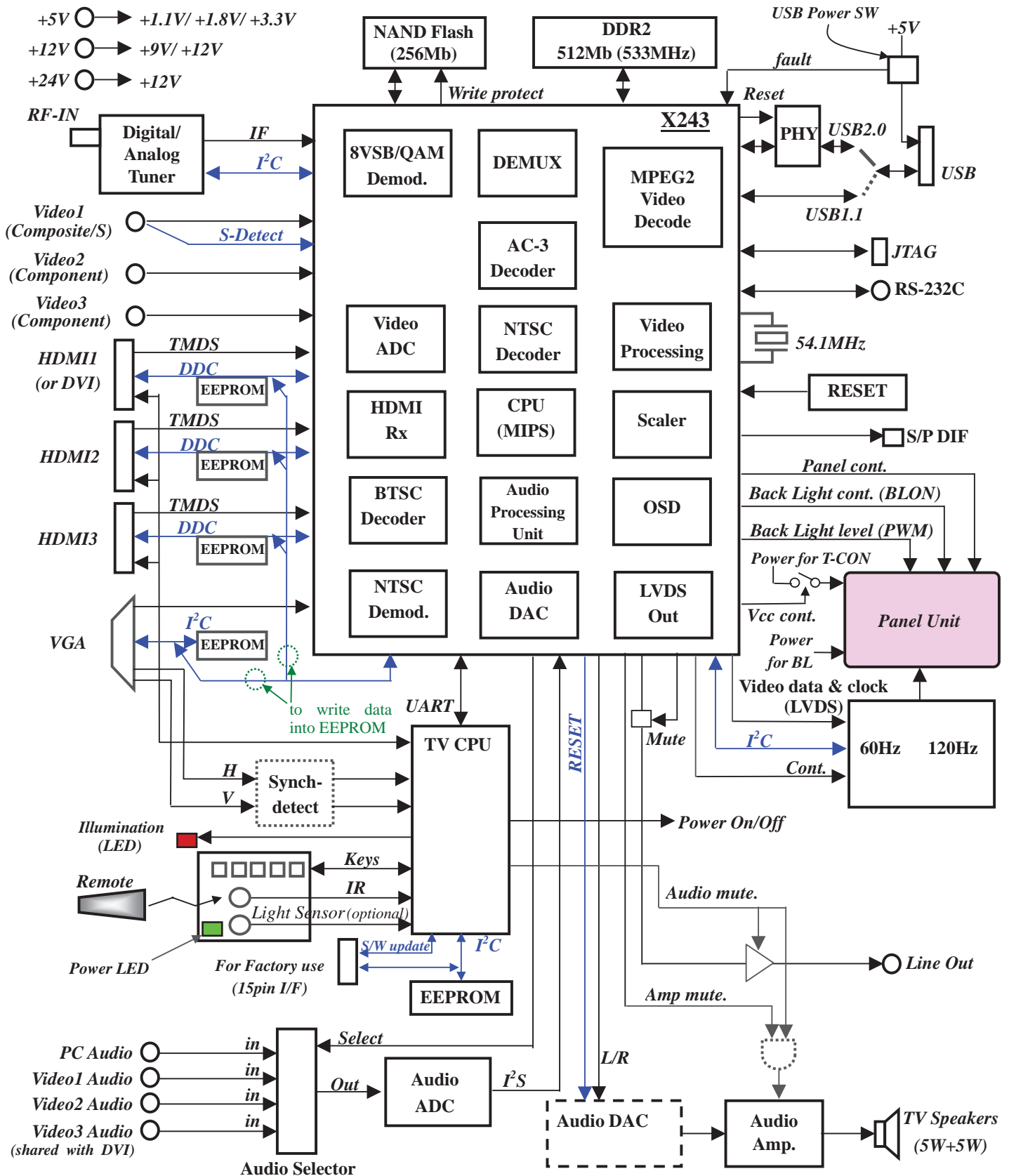
Pin	Name	Function	I/O	Description
1	P12/SCK0	REG SW4	OUT	REG SW4 (ON : High OFF : Low)
2	P13/SO1	REG SW5	OUT	REG SW5 (ON : Low OFF : High)
3	P14/SI1/SB1	IIC-BUS for NV	I/O	Data of IIC Bus Active 'L' for IIC data NV
4	P15/SCK1	IIC-BUS for NV	OUT	Clock of IIC Bus Active 'L' for IIC clock NV
5	P16/T1PWML	REG SW2	OUT	REG SW2 (ON : High OFF : Low)
6	P17/T1PWMH/BUZ	REG SW3	OUT	REG SW3 (ON : Low OFF : High)
7	PWM2	Reserve	OUT	Reserve (Set Low level)
8	PWM3	no use (PWR DET)	IN	no use (PWR_DET)
9	VDD2	Power IN	IN	VDD2 (5Vdc±10%)
10	VSS2	Vss	IN	GND (0Vdc)
11	P00	Category2	IN	Hard option for category
12	P01	Category1	IN	Hard option for category
13	P02	Category0	IN	Hard option for category
14	P03	Panel Size2	IN	Hard option for panel size
15	P04	Panel Size1	IN	Hard option for panel size
16	P05/CKO	Panel Size0	IN	Hard option for panel size
17	P06/T6O	LED CNTRL	OUT	LED Control output for Power indicator
18	P07/T7O	TV Relay out	OUT	POWER Relay control output ON : High OFF : Low
19	P20/UTX/INT4/T1IN	UART OUT	OUT	Output of UART(Digital Module microcomputer piece confidence)
20	P21/URX/INT4/T1IN	UART IN	IN	Input of UART (Digital Module microcomputer piece confidence)
21	P22/INT4/T1IN	PC Standby LED	OUT	LED control of PC Standby High Noraml Low
22	P23/INT4/T1IN	Audio MUTE	OUT	Audio Mute MUTE ON : Low OFF : High
23	P24/INT5/T1IN	Power Fail-2 IN	IN	LVDS Power Fail input for LCD model /(no used at PDP model :Setting output mode)
24	P25/INT5/T1IN	AMP STBY	OUT	AMP Standby control Stanby:Low Power on:High
25	P26/INT5/T1IN	HS_DET	IN	"Detect H-Sync (Detect : High , PC Input "
26	P27/INT5/T1IN	VS_DET	IN	"Detect V-Sync (Detect : High , PC Input "
27	PB7	RESET_TV	OUT	for DM Watch Dog Timer
28	PB6	Boot_SEL1	OUT	Starting DM S/W download-SEL1 (See Table A) (for 42~ model)
29	PB5	Boot_SEL2	OUT	Starting DM S/W download-SEL2 (See Table A)(for 42~ model)
30	PB4	M_OUT MUTE	OUT	MUTE ON Low OFF High
31	PB3	LINE OFF_DET	OUT	Detect LINE OFF output(Detect: High -> Low)
32	PB2	Reserve	OUT	Reserve (Set Low level)
33	PB1	Reserve	OUT	Reserve (Set Low level)
34	PB0	Solution	IN	High:42~ model Low:19~32 model
35	VSS3	Vss	IN	GND (0Vdc)
36	VDD3	Power IN	IN	VDD3 (5Vdc±10%)
37	PC7	DBGP2	IN	Terminal for De-Bug 3
38	PC6	DBGP1	I/O	Terminal for De-Bug 2
39	PC5	DBGP0	I/O	Terminal for De-Bug 1
40	PC4	CLK	OUT	Writing on bord (CLK)
41	PC3	DATA0	I/O	Writing on bord (DATA0)
42	PC2	ENA/DATA1	I/O	Writing on bord (ENA/DATA1)
43	PC1	Ack out	OUT	Ack output for factory mode
44	PC0	STATUS in	IN	Status input for factory mode
45	AN6	sensor in	IN	sensor input (for PDP model)
46	P85	Reserve	OUT	(OPEN) (Set Low level)
47	P84	Res. (Panel Alarm)	IN	Reserve (Set Low level)
48	AN3	Power Fail-1 IN	IN	TV Power Error(3.6V less)/Others (3.6V over)
49	P70/INT0/T0LCP	LINE OFF	IN	Detect AC Voltage Reduction (Normal : High)
50	P71/INT1/T0HCP	CEC input	IN	CEC input

Pin	Name	Function	I/O	Description
51	P72/INT2/T0IN	CEC output	OUT	CEC output
52	P73/INT3/T0IN	Rcin	IN	Remote control signal input
53	RES	RESET in	IN	CPU Reset input RESET : Low (and for on-board write)
54	XT1	Xin	IN	32.678KHz X'tal input (for clock timer)
55	XT2	Xout	OUT	32.678KHz X'tal output (for clock timer)
56	VSS1	Vss	IN	GND 0Vdc
57	CF1/AN12	Xti	IN	Main clock input (8MHz ceramic oscillator)
58	CF2/AN13	Xto	OUT	Main clock output (8MHz ceramic oscillator)
59	VDD1	Power IN	IN	VDD1 (5Vdc±10%)
60	AN0	Key in	IN	Panel switch input
61	AN1	Reserve	IN	GND
62	P82	PANEL READY	IN	Panel Ready (for PDP) OK : High NG : Low only PDP
63	P10	VS-ON	OUT	VS-ON (for PDP) ON : High OFF : Low only PDP model
64	P11	REG SW1	OUT	REG SW1 (ON : Low OFF : High)

<Table A>





28pin(SEL1)	29pin(SEL2)	Operation
High	High	USB download
High	Low	Starting Bank1
Low	High	Starting Bank2
Low	Low	Normal

MAIN SHEET BLOCK DIAGRAM & PERIPHERALS



SCHEMATIC NOTES

NOTES ON SCHEMATIC DIAGRAMS

1. All resistance values in ohms K=1,000 M=1,000,000.
2. Resistors specified with resistance value are "1/6DJ."
3. Resistors specified with type of resistor, tolerance and resistance value are "1/4."
4. Unless otherwise noted on schematic, all capacitor values less than 1 are expressed in μF (Micro Farad), and the values more than 1 are in pF.
5. All capacitors are 50 WV rating unless otherwise noted.
6. Unless otherwise noted on schematic, voltage reading taken with VOM from point indicated to chassis ground. Voltage reading taken using color-bar signal VHF channel 5, all controls at normal. Line voltage at 120 volts. Some voltages may vary with signal strength.
7. Waveforms were taken with color-bar signal and controls set for normal picture. Waveforms marked with an * may vary with signal strength.
8. The Symbol  indicates a fusible resistor, which protects the circuit from possible short circuits.
9. Parts enclosed with  are related with X-radiation.
10. Isolation border line.  Cold Side  Hot Side
11. Schematic part location numbers may not always match the schematic symbols.
The schematic symbols and part descriptions are correct and should be used.
The part descriptions will be listed under the location number in the parts list.





ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

SERVICE NOTES:

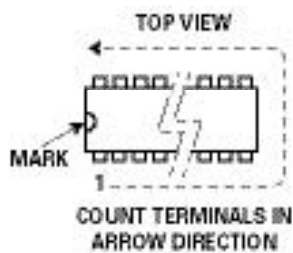
1. When replacing parts on circuit boards, clamp the lead wires to terminals before soldering.
2. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8) from circuit board.
3. Keep wires away from high voltage and high temperature components.

PRODUCT SAFETY NOTICE

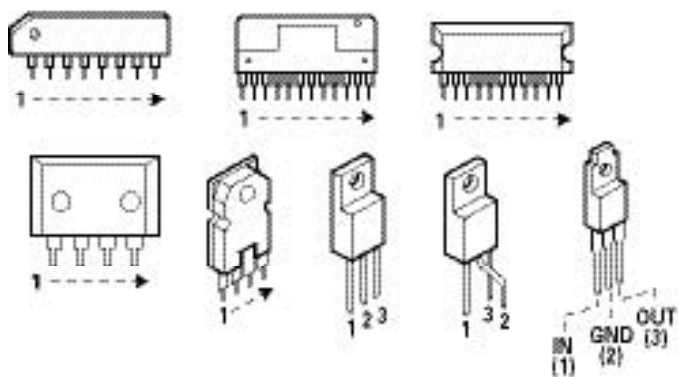
THE COMPONENTS DESIGNATED BY A  ON THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A  NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.

IC, DIODE, AND TRANSISTOR PIN LAYOUTS

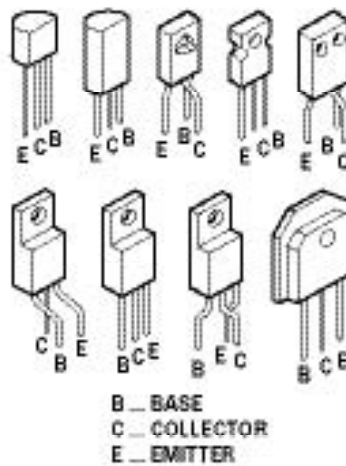
INTEGRATED CIRCUITS



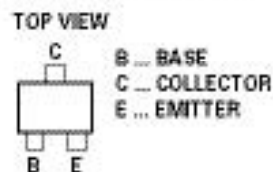
SIDE VIEW



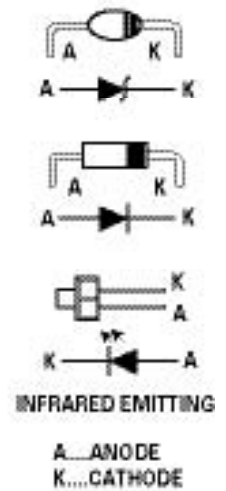
TRANSISTORS



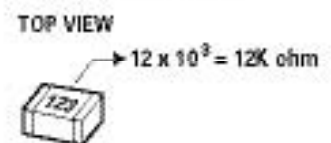
CHIP TRANSISTORS



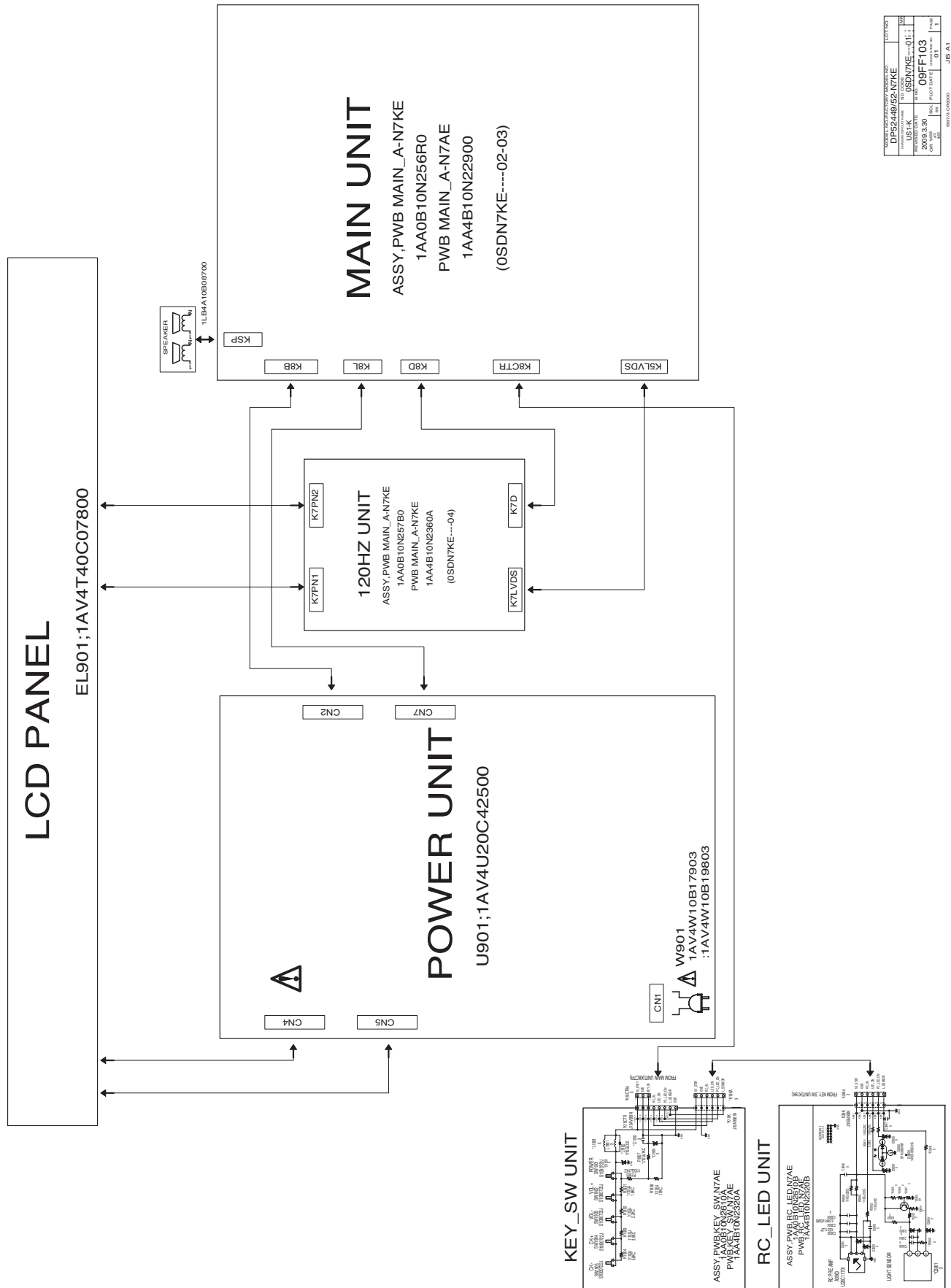
DNODES



CHIP RESISTORS



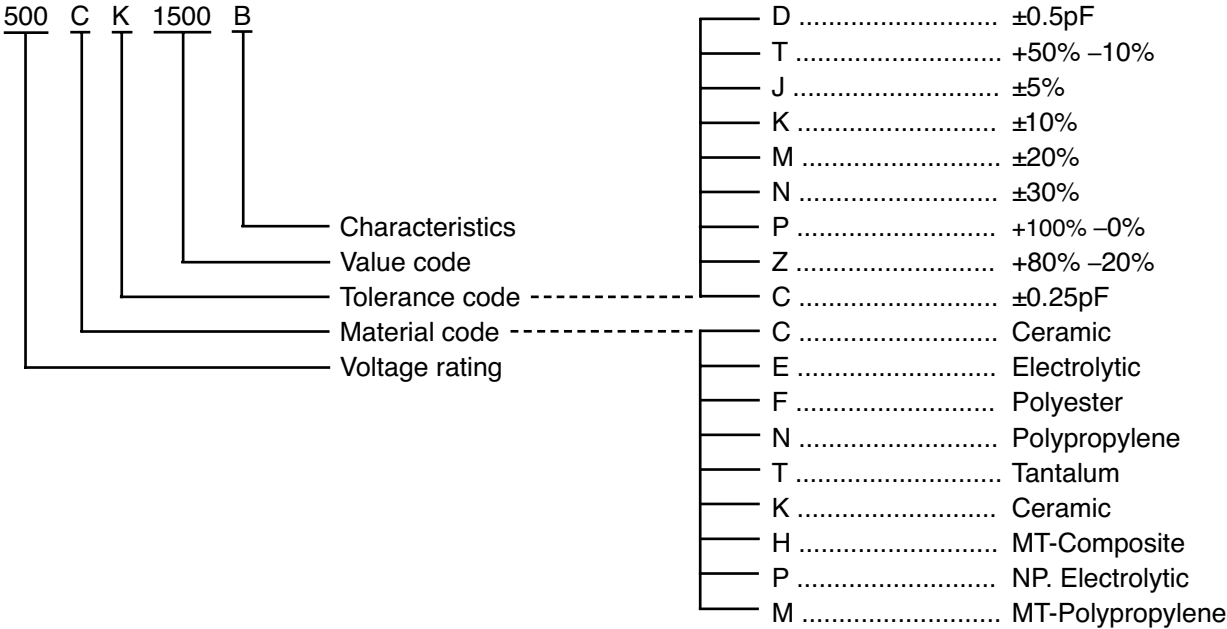
PC BOARD CONNECTIONS AND LOCATIONS



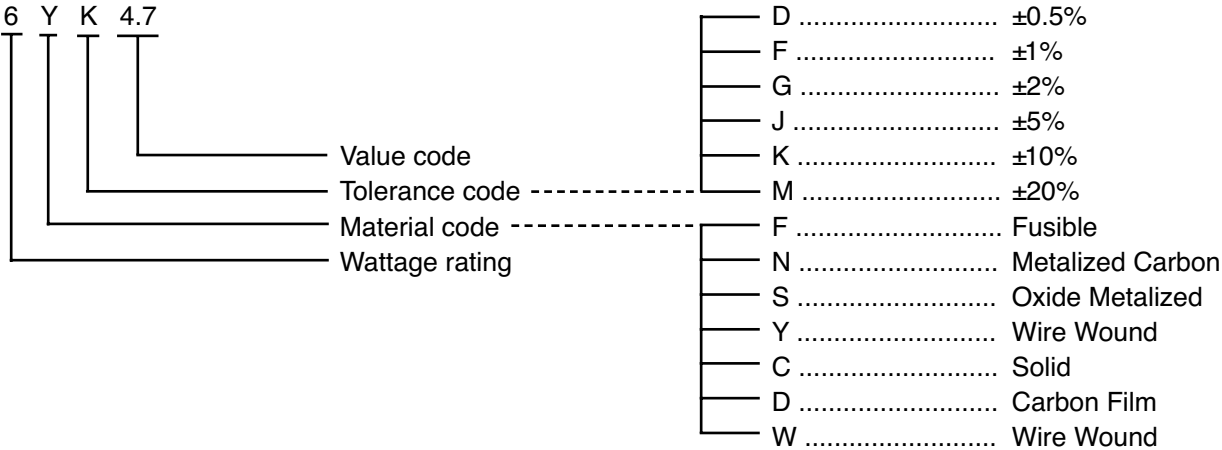
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DATE	2003.3.30	DESIGNER	09FF103	CHK	1
DATE	2003.3.30	DESIGNER	09FF103	CHK	1

CAPACITOR AND RESISTOR CODE CHART

CAPACITOR (Example)



RESISTOR (Example)



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3333 Sanyo Road
Forrest City, Arkansas 72335-2000

